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M. S. University of Baroda

Third Annual Report

1951-52

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The Maharaja Sayajirao University of Baroda





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THIRD ANNUAL REPORT

1951-52

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THIRD ANNUAL REPORT 1951-52

(1st July, 1951, to 30th June, 1952)

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His Highness the Maharaja Sir Sayajirao Gaekwad of Baroda

The Maharaja Sayajirao University of Baroda

THIRD ANNUAL REPORT 1951–52

This report covers the period from 1st July, 1951 to 30th June, 1952 and is submitted to the Senate in accordance with section 24 (2) of the Maharaja Sayajirao University of Baroda Act as amended up to date.

CHAPTER I—GENERAL

1. Institutions in the University.

(a) *Constituent Recognised Institutions* (Under sections 42 and 69 of the Act).

(1) (a) *Faculty of Arts :* Provides courses leading to the *Degrees* of B.A., M.A. and Ph.D.

(b) *The Oriental Institute* : Provides facilities for research work in Sanskrit and Ancient Indian Culture, and undertakes publication work in Gujarati, Marathi and Sanskrit.

(c) *The Baroda Sanskrit Mahavidyalaya :* Provides elementary, intermediate and advanced courses in Yagniki, Ayurveda, Dharmashastra, Sanskrit Grammar and Astrology. This institution functions under the Faculty of Arts.

(2) *Faculty of Science :* Provides courses leading to the *Degrees* of B.Sc. and M.Sc. and guidance in research for the M.Sc. and Ph. D. Degrees.

(3) *Faculty of Education and Psychology :* Provides courses leading to the *Degrees* of B.T., M.Ed. and Ph.D. as well as to the *Diploma* in Teaching. The University Experimental High School is attached to the Faculty for experiments in Education and Psychology and conducts classes from

Standard I to Standard XI leading to the Examination for the Secondary School Certificate of Bombay State.

(4) *Faculty of Commerce* : Provides courses leading to the *Degrees* of B.Com., M.Com. and Ph.D.

(5) *Faculty of Medicine* (The Baroda Medical College) : provides courses leading to the *Degrees* of M.B.,B.S. (Managed by the Government of Bombay)

(6) *Faculty of Technology* (*including Engineering*) : Provides courses leading to the *Degrees* of B.E. (Civil, Mechanical and Electrical); to *Diplomas* in Civil, Mechanical and Electrical Engineering and in Textile Chemistry, Weaving Technology and Architecture; and to Certificate courses for Turners, Fitters and Wiremen and in Carpentry, Dyeing, Weaving and Architecture. In addition, the Faculty has a Technical High School attached to it.

(7) (a) *Faculty of Fine Arts* : Provides courses leading to the *Degree* of B.A. (Fine) and to the *Diploma* in Painting.

(b) *College of Indian Music* : Provides courses leading to the *Degree* of B. Mus. and to the *Diploma* in Music (Vocal and Instrumental).

(c) *The Museum and Picture Gallery*. (Managed by the Government of Bombay)

(8) *Faculty of Home Science* : Provides courses leading to the *Degree* of B.Sc. (Home). The Chetan Balwadi is attached to the Faculty for experiment and observation in Home Economics, Home Management etc.

(9) *Faculty of Social Work* : Provides a post-graduate course leading to the *Degree* of M.S.W.

(10) *Intermediate College* : Provides courses leading to the Examinations of First Year and Intermediate in Arts and Commerce.

2. **Number of Students in the University.**

The following statement shows the number of students in the University on 30th June, 1952 :—

Statement showing the number of students in the University on 30-6-1952

Institutions	Post-graduates		Degree		Diploma		Certificate & others		Total		Grand Total	Grand Total in 1950-51	Grand Total in 1949-50
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women			
1 Faculty of Arts	71	10	185 +*3	69 +*5	—	—	—	—	259	84	343	230	253
2 Faculty of Science	38	2	1021	75	—	—	—	—	1059	77	1136	1041	891
3 Faculty of Education & Psychology	%96	%11	—	—	33	1	—	—	129	12	141	162	152
4 Faculty of Commerce	37	—	147	1	—	—	—	—	184	+	185	153	150
@ 5 Faculty of Medicine	—	—	136	17	—	—	—	—	136	17	153	117	80
6 Faculty of Technology (including Engineering)	—	—	189	—	549	3	170	—	908	3	911	723	593
7 Faculty of Fine Arts	—	—	18	8	16	1	3	—	37	9	46	37	55
8 Faculty of Home Science	—	—	—	69	—	—	—	—	—	69	69	58	41
× 9 Faculty of Social Work	34	4	—	—	—	—	—	—	34	4	38	35	—
10 Intermediate College	—	—	%%380	%%90	—	—	—	—	380	90	470	550	—
11 College of Indian Music	—	—	10	14	280	104	—	—	290	118	408	187	190
12 Baroda Sanskrit Mahavidyala	—	—	—	—	—	—	92	—	92	—	92	105	—
	276	27	2089	348	878	109	265	—	3508	484	3992	3398	2405

* B. A. (Hons.) in Psychology % M. Ed. 17, B. T. 8+, Ph. D. 6 @ Figures ending October 1952 (figures ending April 1952 are 105 and 12) × Figures as on 15-7-52. %% F. Y Arts, Inter Arts, F. Y. Commerce, Inter Commerce.

3. **Special features of the period under report.**

(1) The period of the first Senate and the Syndicate as nominated by the Government under section 67 of the Act having expired, the new Senate and the new Syndicate were duly constituted under sections 18 and 23 of the Act. They assumed office from 15th September, 1951 and 31st October, 1951 respectively.

(2) The Faculties and the Boards of Studies comprised in each of the Faculties as constituted under the revised Act assumed office from 7th October, 1951 and 1st September, 1951 respectively.

(3) Shrimati Hansa Mehta, B. A. (Hons.) the first Vice-Chancellor of the University was elected by the Senate at their meeting held on 23-3-1952 as the first elected Vice-Chancellor of the University under section 10(1) of the Act for a period of three years from 30-4-1952.

(4) Professor A. R. Wadia, B. A. (Bom. & Cantab), Bar-at-Law, the first Pro-Vice-Chancellor of the University having completed his period of appointment retired on 29-4-52.

The Senate at their meeting held on 29-6-1952 placed on record their appreciation of the valuable services rendered by Professor A. R. Wadia as the first Pro-Vice-Chancellor.

(5) The scheme of publishing a Journal of the Maharaja Sayajirao University of Baroda with Professor S. Chandrasekhar, Head of the department of Economics, as the Editor was approved and an amount of Rs. 4,000/- per year was sanctioned for the purpose.

(6) The scheme of publishing a Journal of the Oriental Institute at an annual cost of Rs. 4,000/- was also approved.

(7) The scheme of inviting eminent Professors as Honorary and Visiting Professors was instituted with a view to augmenting instruction in various subjects by providing extra lectures to be delivered by eniment scholars to the students of the University. An amount of Rs. was provided in the budget for such Professors.

(8) The University introduced its own courses for Intermediate Arts and Commerce and for B. A., B. Sc., B. T., and the F. E. and 8,000/- S. E. Examinations from June 1952.

(9) The following new courses were introduced from June 1952:—

(i) B. A. (Hons.) in Psychology in the Faculty of Arts, with the co-operation of the Faculty of Education and Psychology.

(ii) Diploma in Museology-A post-graduate course of two years' duration in the Faculty of Fine Arts.

(iii) Inter Science—Geology group-in the Faculty of Science.

(10) A scheme of development of the department of Sociology was approved and amounts of Rs. 5,000/-, Rs. 2000/- and Rs. 1,706/- were sanctioned during the current year for its library, equipment and travelling allowance respectively.

(11) For the development of the department of Statistics, two new posts of Junior Lecturers were instituted and a non-recurring block grant of Rs. 10,000/- and a recurring grant of Rs. 2,000/- for the books and equipment of the department were sanctioned.

(12) The following research grants were awarded to the different Faculties :—

(i) The department of Gujarati in the Faculty of Arts has undertaken to publish critical editions of Old Gujarati works. A grant of Rs. 1,600/- was sanctioned for the expenses on this scheme during the current year.

(ii) The department of Economics undertook to conduct a Socio-Economic Survey of the city of Baroda. A grant of Rs. 1,000/- was sanctioned for the purpose.

(iii) A grant of Rs. 300/- was sanctioned to Dr. Goetz, Honorary Professor in Art History, for conducting research work in the field of Archaeology and Art History.

13) An improvement in the system of examination was made by reserving 20% of the marks at the examinations in written papers and 25% of marks in practicals for tutorial and class work in the Faculties. The scheme was approved by the Syndicate and introduced from June 1952.

(14) One division of the Intermediate Science class and one of the B. Sc. classes which were being maintained on a temporary basis were placed on a permanent basis at an additional annual cost of Rs. 12,680/-.

(15) In June 1952, the Intermediate College was shifted to the building of the Faculty of Arts and the Faculty of Home Science to its new building, which was nearing completion. This made it possible for the Faculty of Education and Psychology to return to its permanent building which was being used by the Intermediate College and the Faculty of Home Science. The building near Sursagar, vacated by the

Faculty of Education and Psychology, was occupied by the College of Indian Music.

(16) A Wardens' Committee was set up in August 1951 to look after and supervise the management of the various Students' Hostels of the University.

(17) The University sanctioned the following grants to outside bodies :—

(i) A grant of Rs. 500/- to the Indian Library Association for publishing the first volume of the Union Catalogue.

(ii) A grant of Rs. 1,000/- to the Deccan College Post-graduate and Research Institute, Poona for the bulletin of the Dictonary Department.

(iii) A grant of Rs. 1,000/- towards the expenses of excavation in Bellary region undertaken by Dr. H. D. Sankalia.

(18) The University deputed two students to the National Physical Laboratory, New Delhi, for higher research work in Physics under Dr. K. S. Krishnan F.R.S. and two students to the Central Bank of India Ltd. Bombay, for practical training in Banking.

(19) The three years' course of the Technical High School, attached to the Faculty of Technology (including Engineering) was re-organised and a four years' course on the lines of the courses followed in Technical High Schools of Bombay State was introduced with a view to enabling its students to appear for the S. S. C. Examination of Bombay State.

(20) Under G. R. L. S. & H. D. No. 6490/33 dated 7th March, 1952 the Government of Bombay approved the transfer of balance of the Trust of the former Sheth Ujamshi Pitamberdas Ayurvedic College, Patan along with its library to the University. The Government of Bombay also agreed to give an annual grant of Rs. 36,000 as per arrangements arrived at with them, the original donor and the University. The University, on its part, agreed to institute and maintain an Ayurvedic Research Section in the Medical College at Baroda and name the Section "Sheth Ujamshi Pitamberdas Ayurvedic Research Unit."

(21) The first All India Home Economics conference was held at Baroda under the auspices of the University. The Faculty of Home Science organised the conference.

(22) Professor S. B. Junnarkar, Dean, Faculty of Technology



The Convocation



The Senate Procession

(including Engineering), whose services were kindly made available to the University on loan for a period of one year in June 1951 by the management of the Birla Vishvakarma Mahavidyalaya, Vallabhvidyanagar, having completed his period left charge of the office of the Dean of the Faculty on 10-6-52.

(23) Professor D. Subbarao, Head of the department of Civil Engineering was appointed as Dean of the Faculty of Technology (including Engineering) from 11-6-52.

(24) The First Annual Convocation of this University was held in the University gardens on 6th October, 1951. The Convocation Address was delivered by Shri B. G. Kher, Chief Minister of the State of Bombay. The following Degrees were conferred on the candidates at the Convocation:

	Degree conferred in person	Degree conferred in absentia	Total
M.A.	4	—	4
B.A. (Hons.)	28	8	36
B.A. (General)	5	1	6
M.Sc.	7	—	7
B.Sc.	36	12	48
M.Ed.	8	7	15
B.T.	21	29	50
B.Com.	24	15	39
Total...	133	72	205

It was announced at the Convocation that His Highness the Chancellor will award every year a Gold Medal to be called the Chancellor's Gold Medal to the candidate passing in class I and securing the highest percentage of marks at the Master's Degree Examination in the various Faculties, by rotation.

(4) **Appointment of Teachers.**

(i) *Appointment on the existing teaching posts:* The following

appointments were made to some of the old posts which were vacant or which fell vacant during the year. (The date of joining is mentioned in brackets after the names) :-

FACULTY OF ARTS

1 Senior Lecturer in Sanskrit — Shri A. N. Jani, M.A. (12–10–51)

FACULTY OF SCIENCE

2 Junior Lecturer in Mathematics — Shri S. Vishvanath, B.Sc. (Hons.) Mysore. (13–8–51)

FACULTY OF EDUCATION AND PSYCHOLOGY

3 Senior Lecturer — Dr. (Miss) Amya Sen, M.A., B.T. (Punjab), S. C. (London) (20–8–51)

4 Junior Lecturer — Shri R. S Trivedi, M.A., M.ED. (21–7–51)

5 Junior Lecturer — Shrimati Kusum S. Patel, B.A., B.T. M.ED. (17–7–51)

6 Junior Lecturer — Shri S. M. Divekar, B.A., B.T., M.ED. (1–8–51)

FACULTY OF TECHNOLOGY (INCLUDING ENGINEERING)

7 Reader in Applied Mechanics — Shri R. S. Dighe, B.E. (Civil) (31–7–52)

8 Senior Lecturer in Architecture — Shri S. H. Pandit, B. A. (Hons.) Dip. in Arch. (Baroda) Dip. in Arch. (J. J. School of Arts, Bombay) G. D. Arch. (8–7–52)

9 Junior Lecturer in Architecture — Shri M. K. Dave, S. C. in Arch. (J. J. School of Arts, Bombay), Govt. of India Exam. for Sr. Draftsman, A. M. I. S. E. (Calcutta) (Did not join)

10 Junior Lecturer in Civil Engineering — Shri G. K. Pradhan, B. E., A. M. I. E. E. (India) (7–7–51)

11 Junion Lecturer in Weaving Technology — Shri C. N. Treasurer, D. W. T. (23–8–51)

12 Junior Lecturer in Geology — Shri S. S. Merh, B. Sc. (B. H. U.) M. Sc. (B. H. U.) (10–12–51)

13 Junior Lecturer in Applied Mechanics — Shri J. H. Malkani, B. E. (Civil) (26–11–51)

14 Part-time Lecturer in Electrical Engineering — Shri V. B. Pathak, B. S. E. (Elec. Eng.), (Michigan) (U. S. A.) (From 1–12–51 to 15–3–52)

FACULTY OF FINE ARTS

15 Senior Lecturer in Dramatics — Shri J. D. Thakar, B. A. (Hons.) (12–11–51)

16 Honorary Professor — Dr. H. Goetz, PH. D. (Munich)

17 Honorary Part-time Teacher — Shri V. L. Devkar, M. Sc., A. M. A. (London)

FACULTY OF HOME SCIENCE

18 Superintendent, Chetan Balwadi — Miss Amita J. Mehta, B. A., M. ED. (Michigan) (10–9–51)

19 Junior Lecturer in Food and Nutrition — Miss S. Malhan, Dip. in Home Science. (16–6–52)

20 Junior Lecturer — Miss Gomathi Amma, Dip. in Home Science. (30–6–52)

ORIENTAL INSTITUTE

21 Director — Shri G. H. Bhatt, M. A. (11–1–52)

(*ii*) *Appointment to new teaching posts during the year :* The following new appointments which became necessary as a result of re–organisation of teaching due to the introduction of new courses in some Faculties, were made during the year on new posts duly instituted by the Senate :-

FACULTY OF ARTS

1 Senior Lecturer in Geography — Miss V. A. Janaki, M. A. (Madras) B. Litt. (Oxford) (18–8–52)

(2) Junior Lecturer in Sanskrit — Miss S. A. Nachane, M.A. (Bom.), M A. (Poona) (11–8–51)

(3) Junior Lecturer in Politics & Administration — Shri S. T. Kothari, B.A. (Hons.) (Bom.) M.A. (California) (12-11-51)

FACULTY OF SCIENCE

(4) Junior Lecturer in Zoology — Shri R. V. Shah, M.Sc.

FACULTY OF TECHNOLOGY (INCLUDING ENGINEERING)

(5) Reader in Textile Technology — Shri B. N. Patel, D.C.T., D.T. (Salford) (He is granted leave without pay for one year from 1–5–52)

(6) Junior Lecturer in Architecture	Shri K. K. Thombre, Dip. in Arch. (K. B. T.)	(24-1-52)

FACULTY OF HOME SCIENCE

(7) Junior Lecturer in Clothing & Textiles	Miss S. S. Pandit, B.A., T.D., Dip. in Home Science (Delhi)	(16-6-52)

(iii) List of Teachers who left the University during the year :

(1) Dr. B. Bhattacharya, M.A., PH.D.	Director of Oriental Institute (Retired)	

FACULTY OF ARTS

(2) Shri F. R. Dotiwala, M.A.	Junior Lecturer in History (Resigned)	
(3) Shri J. N. Shivpuri, M.A.	Junior Lecturer in English (Period of appointment being over)	

FACULTY OF SCIENCE

(4) Shri S. Vishvanath, B.Sc. (Hons.)	Junior Lecturer in Mathematics (Period of appointment being over)	

FACULTY OF TECHNOLOGY (INCLUDING ENGINEERING)

(5) Shri K. D. Oza., B.Sc.	Junior Lecturer in Mechanical Engineering (Resigned)	
(6) Shri A. B. Roy	Senior Lecturer in Tele-Communication (Period of appointment being over)	

FACULTY OF HOME SCIENCE

(7) Miss Ranjan Sadoc	Senior Lecturer in Child Development and Superintendent, Chetan Balwadi (Resigned)	

5. Finances of the University.

(a) ENDOWMENTS

(1) Women's Educational Trust Fund, Baroda.

The Trustees transferred a further sum of Rs. 5,000/- to the University leaving a small balance of Rs. 1442-13-0 with them.

The amount of Rs. 3 lakhs ear-marked for the construction of the Home Science College was found to be inadequate. The total estimated expenditure came to Rs. 6.27 lakhs. The Trustees, therefore, resolved in accordance with section 5 of the Trust Deed that an additional amount of Rs. 3 lakhs out of endowment for the Home Science Faculty may be utilised for the construction and equipment

of the building on the University's undertaking to maintain the College from its own funds.

(2) U. N. Appeal for Children Fund.

The amount of Rs. 1,02,322/- has been invested in 3% Conversion loan of 1946. The interest was utilised for the benefit of the poor children of the Chetan Balwadi in providing freeships, medical examination fees, clothing and laundry facilities, milk and fruits and codliver oil and vitamin tablets, as also for the benefit of the children at one of the field work centres of the Faculty of Social Work under its present programme.

(3) Shri Sayajirao Diamond Jubilee & Memorial Trust.

The University received a grant of Rs. 2,45,000/- from the Trust as one of the beneficiaries in 1951-52, and Rs. 15,000/- for the Rural Health centre at Atladara in the Faculty of Social Work.

(4) Charitable & Memorial Funds.

No orders have been yet received from the Government of Bombay in regard to the transfer of the corpus of the various funds to the University. These are however expected soon.

(5) N. P. Pandva Memorial Prize Fund.

A sum of Rs. 1500/- was received from Shrimati Rukhminiben and Shri R. P. Pandya for awarding a prize to be given annually to the scholar who stands first in Mathematics in the B.A. or B.Sc. examination of the Baroda University. The amount was invested in 3% Conversion loan of 1946.

(6) Baroda College Students' Union Independence Day Memorial Prize Essay Fund.

The old Baroda College Students' Union donated a sum of Rs. 5051-9-0 for awarding annually two Independence Day Essay prizes of Rs. 100 and Rs. 50 respectively as per "Rules governing the Independence Day Essay Prize Competition."

(7) Baroda College Students' Union Sports Pavilion and Boating House Fund.

The Baroda College Students' Union gave a sum of Rs. 41,152-14-3 to build a Sports Pavilion & Boating House. The amount was placed as a fixed deposit with the bank pending the construction.

(8) G. K. R. Purohit Scholarship Fund.

Shri D. V. Yagnik, the Trustee of the late Shri G. H. Purohit, donated a sum of Rs. 5,000/- for awarding a scholarship of Rs. 120/- per annum and a prize in the form of books from the remaining amount of interest earned on the donation, to the poor students of the Baroda Sanskrit

Mahavidyalaya. The amount was invested in 3½% (10 years) Treasury Savings Deposit Certificates.

(9) Sheth Ujamshi Pitamberdas Ayurvedic Research Unit.

In accordance with the request made by Messrs. R. K. Zaveri & Company, Solicitors to the Managing Committee of Sheth Ujamshi Pitamberdas Ayurvedic College, Patan and in accordance with the order passed by the Civil Judge, Court of Mehsana, the Government the of Bombay accorded sanction to the conversion of the U. P. Ayurvedic College Patan into Sheth U. P. Ayurvedic Research Unit to be attached to the M. S. University of Baroda, and also directed that all funds belonging to the College or its Committee of Management, and the College Library be handed over to the M. S. University of Baroda for the Unit.

Accordingly Messrs. R. K. Zaveri sent Rs. 59,000/- by cheque, 3% 1970-75 Development Loan of the face value of Rs. 46,000/- and 3 Fixed Deposit Receipts amounting to Rs. 66,161. The library books valued at about Rs. 8,000/- were also received and kept in the University Library.

A Committee was appointed to work out the scheme and make its recommendations.

(B) RECEIPTS AND EXPENDITURE

The following two statements give figures of receipts and expenditure of the University and of the Faculties and Institutions during the year under report :—

THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA

Receipts and Expenditure for the year ending 30th June, 1952

Receipts		Amount	Expenditure		Amount
I	Tuition Fees and other income from Faculties & Institutions	5,80,233- 0- 7	I	University Office Establishment	1,41,947- 0- 4
II	Examination fees	97,327- 2- 0	II	Examination charges	93,160-11-10
III	Other fees	47,468-10- 0	III	Dead Stock	1,978-15- 0
IV	Income from Publications	6,974- 3-10	IV	University Library	39,498-15- 0
V	Government Grant	12,55,967-12- 0	V	Publications	7,468-11- 3
VI	Grant from Sir Sayajirao Diamond Jubilee and Memorial Trust	2,60,000- 0- 0	VI	Information & Publicity	14,069- 1- 0
VII	Interest on Cash Balances	5,862- 4- 9	VII	Travelling Allowances	24,925-15- 9
VIII	Income from Endowments	51,717- 7- 6	VIII	Printing & Stationery	24,293-12- 3
IX	Income from Hostels for students	45,131- 0- 0	IX	Physical Education Dept.	32,186- 4- 6
X	Income from use and occupation of University Quarters and Bungalows, including Furniture Rent	28,654-12- 1	X	Maintenance of Buildings and Roads	36,396-10- 3
XI	Income from Lease of Land & Trees	4,024-14- 3	XI	Maintenance of Gardens	14,475- 3- 0
XII	Miscellaneous Income.	29,130- 3- 7	XII	Municipal Rates, Taxes and Law charges	868-15- 0
XIII	Excess of Expenditure over Receipts during the year 1951-1952	28,212- 4-10	XIII	University Contribution to Provident Fund	3,732- 2- 0
			XIV	Research staff, contingencies, equipment	26,731- 6- 9
			XV	Study Leave	11,809- 9- 0
			XVI	Miscellaneous	48,772- 4- 5
			XVII	Faculties & Institutions	18,59,671-12-10
			XVIII	Hostels	58,716- 5- 3
	Grand Total Rs.	24,40,703-11- 5		Grand Total Rs.	24,40,703-11-5

Receipts and expenditure of the Faculties and Institutions for the year ending 30th June 1952.

Faculties	Receipts	Expenditure
Faculty of Arts	93,421-13- 0	3,19,883- 2- 0
Faculty of Science	2,21,353- 1-10	3,37,389-13-10
Faculty of Education and Psychology	46,321-10- 0	1,53,042-10- 8
Faculty of Commerce	67,445- 0- 0	78,466- 1 9
Faculty of Technology (including Engineering)	1,56,823-2 - 9	5,12,499- 6-11
Faculty of Fine Arts	5,856- 3- 0	80,822- 5-10
Faculty of Home Science	10,513- 0- 0	84,049-13- 3
Faculty of Social Work	2,879- 2- 0	85,012- 1- 0
Institutions		
Oriental Institute	—	57,976- 1-10
College of Indian Music	9,123-14- 0	76,135- 7- 9
Intermediate College of Arts and Commerce	271- 5- 0	33,166- 4- 0
Baroda Sanskrit Mahavidyalaya	6- 5- 0	41,228- 8- 0
	6,14,014- 8- 7	18,59,671-12-10
Less 15% of Tuition Fees kept as deposit for awarding freeships	37,950- 0- 0	
	5,76,064- 8- 7	
Add Balance out of deposit for awarding 15% freeships out of Tuition Fees in 1950-51	4,168- 8- 0	
Grand Total :	5,80,233- 0- 7	18,59,671-12-10

The receipts of the Oriental Institute are shown on the Receipt side under the head IV "Income from Publications" in the statement on page 13.

The Tuition Fees of the Intermediate College in Arts and Commerce are shown in the Faculties of Arts and Commerce respectively.

(c) CAPITAL FUNDS

The following statements give figures of Receipts and Expenditure of the Capital Funds during the year under report:-

(i) Capital Account No. I A Textile Technology Department

Receipts	Amount	Expenditure	Amount
Opening Balance	37,00,212-10— 3	Extension to Kalabhavan	
Interest	1,12,729-5—7	Workshops	81,791-8-9
		Purchase of Equipment	2,42,841-8-0
		Loss on sale of Securities	84,607-5-3
		Establishment Charges, Books, contingencies etc.	7,566-0-9
		Closing Balance	33,96,135-9-1
Total Rs.	38,12,941-15-10	Total Rs.	38,12,941-15-10

(ii) Capital Account No. I B Construction & Equipment of the Engineering College

Receipts	Amount	Expenditure	Amount
Opening Balance	17,48,637-6-4	Construction of Buildings & purchase of Equipment etc	7,52,262-13-0
Interest	40,923-4-0	Closing Balance	10,37,297-13-4
Total Rs.	17,89,560-10-4	Total Rs.	17,89,560-10-4

(iii) Capital Account No. I C Department of Banking

Receipts	Amount	Expenditure	Amount
Opening Balance	5,25,851-13-0	Scholarships for Banking Department	4,823-7-0
Interest	15,833-15-0	Closing Balance	5 36,862-5-0
Total Rs.	5,41,685-12-0	Total Rs.	5,41,685-12-0

(iv) Capital Account No. I D Research in Ayurved

Receipts	Amount	Expenditure	Amount
Opening Balace	5,28,601-13-0	Expenditure	Nil
Interest	16,007-0-0	Closing Balance	5,44,608-13-0
Total Rs.	5,44,608-13-0	Total Rs.	5,44,608-13-0

(v) **Capital Account No. I E Post graduate Instruction and Research**

Receipts	Amount	Expenditure	Amount
Opening Balance	30,47,211–9–7	Research Staff, Contingencies, Equipment	21,896-15-9
Interest	89,391–2–0	Closing Balance	31,14,705-11-10
Total Rs.	31,36,602–11–7	Total Rs.	31,36,602-11-7

(vi) **Capital Account No. II Construction and Equipment of Colleges, Hostels etc.**

Receipts*	Amount	Expenditure	Amount
*Opening Balance	19,40,180–11–7	Constructing a hall over Science Institute	2,227–11– 0
Interest	24,566– 2– 8	Constructing a hall over Intermediate College	3,564–13– 6
		Water Supply Scheme in the University Campus	32,213– 9–1
		Construction of Boys' Hostel	5,31,520– 0– 1
		Construction of Faculty of Fine Arts Studios	91,520–11– 0
		Constructing a hall over the western wing of the Science Institute	5,734– 6–0
		Purchase of Furniture and Equipment for University Office and Faculties etc.	1,45,968– 8– 5
		Construction of Women's Hostel	3,26,770– 1–11
		Special Repairs to Buildings of University Office and Faculties	18,431–10– 9
		Loss on sale from Iron Bars	45,000– 0– 0
		Loss on sale of Securities	14,679– 2–11
		Converting existing basket system W. Cs. into flushing ones in Adhyapak Kutirs	6,447– 6– 3
		Closing Balance	7,40,668–13– 4
Total Rs....	19,64,746–14–3	Total Rs...	19,64,746–14– 3

(vii) **Capital Account No. III Women's Educational Trust Fund.**

Receipts	Amount	Expenditure	Amount
*Opening Balance	9,01,908–13– 2	Construction of building	2,91,228–10–8
		Purchase of Furniture and Equipment	6,918– 0– 6
Amount received from Trustees	5,000– 0– 0	Amount transferred to Revenue for Maintenance of Home Science College	17,458– 0– 0
Interest	34,861–15– 0	Loss on sale of Securities	60,742– 8– 0
		Closing Balance	5,65,423– 9– 0
Total Rs...	9,41,770–12– 2	Total Rs...	9,41,770–12– 2

*(Out of the Opening Balance of Rs. 22,40,180–11–7 a sum of Rs. 3,00,000/ was transferred to Women's Educational Trust Fund For Construction of building of the Home Science College.)

6. Construction Division.

(1) Personnel: —Shri N. B. Patel, B. E., University Engineer continued to be in charge of the Construction Division during the year under report.

Out of the four Overseers whose services were given on loan by Bombay Government, Public Works Department two were sent back to their department on completion of the New Hostel buildings.

(2) Capital works completed during the year: —The following original works were completed during the year under report:—

S. No.	Name of Work	Expenditure during 1951–52	Total from commencement of work
(i)	Extension of Smithy Shed (two spans in Kalabhavan Workshop.)	2,064– 1–0	2,064– 1–0
(ii)	Constructing Students' Hostels Nos. 1 and 2.	5,31,523–4–1	11,05,470–11–1

(iii) Constructing a hall over the eastern wing of the Science Institute.	2,227-11-0	54,950- 6-6
(iv) Constructing a hall in Intermediate College.	2,993-15-6	54,265- 7-8
(v) Constructing a hall over Chemistry Hall on the western wing of the Science Institute.	5,734- 6-0	79,313- 6-9
(vi) Converting existing basket system W. Cs into flushing ones in Adhyapak Kutirs.	6,447- 6-3	6,447- 6-3
(vii) Constructing a building for the Home Science College upto plinth.	80,212- 5-0	80,212- 5-0

(3) The following original works were in progress during the year under report:—

(i) Extension to Kalabhavan workshop. Foundation and concrete were done and work of fabricated steel work erection is going on.	79,727- 7-9	79,727- 7-9
(ii) Constructing Engineering College. The work was completed in all respects except electricity, roads, site levelling, water supply etc.	3,30,946-12-0	5,65,211- 5-9
(iii) Constructing Hydraulic & Cement Testing Loboratory for the Engineering College. The work of the building was completed except electric supply, irrigation channels, pump & water supply.	51,634-11-3	51,634-11-3
(iv) Constructing Women's Hostel. The work was completed in all respects except roads, site levelling etc.	3,26,770-1-11	5,20,501-7-11

(v) Water Supply Scheme for the University Campus. The work of connecting the three sources of supply with one another viz. University Office well, Ketkibag well and the New Residency Boarding House bore was in progress.	31,693-14-1	43,321- 7-4
(vi) Constructing Painting and Sculpture Studios, Fine Arts Faculty. The work of building was completed except electric supply, site levelling, roads and water supply.	80,158- 7-0	1,40,152- 5-0
(vii) Constructing General Studio & Exhibition Hall, Faculty of Fine Arts The work was in progress.	11,362- 4-0	11,362- 4-0
(viii) Constructing the Home Science College above plinth. The work was in progress.	2,11,016-5-8	2,11,016-5-8

(4) Minor additions and alterations under special repairs chargeable to Capital Budget were carried out in the year under report as shown below :—

	Budget	Expenditure
(i) University Office & Residential Bungalows	11,900	9,597-13-0
(ii) Faculty of Science (Cycle Shed)	4,000	3,253- 4-0
(iii) Faculty of Education and Psychology (Electric Fittings)	2,800	2,754-13-7
(iv) Intermediate College (Cycle Shed)	3,500	2,353- 1-0

(5) The works of ordinary and special repairs were carried out throughout the year as per the requirements of University Office and different Faculties.

All the gardens except the Botanical Garden were looked after and maintained by the Construction Division.

7 University Examinations.

(i) Staff:–The Examination Section of the University was strengthened by the creation of two posts of temporary full–time clerks. The permanent staff consisted of a Head Clerk, a Clerk and a Typist. The temporary posts were continued upto the end of the year.

(ii) Results :— The following two statements show the results of October 1951 and March–April 1952 Examinations:—

A. Results of University Examinations–Second half of 1951

S. No.	Examination	No. Registered	Absent	Partly absent	No. appeared			Number passed									Percentage of passes
								MEN				WOMEN					
					Men	Women	Total	I Class	II Class	Pass Class	Total	Class I	Class II	Pass Class	Total	Grand Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	B. Sc. (Subsidiary)	27	3	—	24	—	24	—	—	20	20	—	—	—	—	20	83%
2	B. Com.	47	2	—	45	—	45	—	1	20	21	—	—	—	—	21	46%
3	First M. B., B.S.	10	-	—	9	1	10	—	—	8	8	—	—	1	1	9	90%

B. Results of University Examinations—First half of 1952

S. No.	Examination	No. Registered	Absent	Partly Absent	No. appeared			Number passed								Grand Total	Percentage of passes	Remarks
								Men				Women						
					Men	Women	Total	I Class	II Class	Pass Class	Total	I Class	II Class	Pass Class	Total			
1	First Year Arts	209	8	4	151	46	197	1	26	85	112	...	17	25	42	154	78%	
2	Inter Arts	263	8	7	199	49	248	1	9+1	102+3	113+3	...	1	31	32	148	59%	
3	B. A. (Special)	87	3	2	61	21	82	3	25	25	56	1	15	1	17	73	88%	
4	B. A. (General)	23	4	1	17	1	18	...	...	13	13	...	1	...	1	14	77%	
5	M. A.	25	1	3	14	7	21	1	6	3	10	1	2	3	6	16	73%	
6	F. Y. Science	428	...	...	409	19	428	20	86	166	272	...	7	9	16	288	67%	
7	Inter Science	408	18	3	357	20	387	16	127	118	261	1	10	4	15	276	71%	
8	B. Sc. (Principal)	129	..	4	115	10	125	1	29	56	86	...	6	4	10	96	76%	
9	B. Sc. (Subsidiary)	145	...	11	118	16	134	...	...	101+2*	101+2	..	...	16	16	117+2*	88%	*Nos. 1 & 105 passed subsidiary only
10	M. Sc. (by papers)	15	...	1	11	3	14	...	6	1	7	...	2	1	3	10	71%	
11	M. Sc. (by thesis)	1	...	...	...	1	1	...	...	...	...	...	...	...	1	1	100%	
12	F. Y. Commerce	88	1	...	87	..	87	11	22	29	62	...	...	...	...	62	71%	
13	Inter Commerce	166	4	5	157	—	157	—	11	86	97	—	—	—	—	97	61%	
14	B. Com.	70	3	1	66	—	66	1	13	35+1	49+1	...	1	—	1	51	77%	
15	M. Com.	1	—	—	1	—	1	—	—	1	1	—	—	—	—	1	100%	
16	B. T.	112	—	2	95	15	110	5	38	46+2*+2@	93	—	7	6+2	15	108	98%	*Pass in Part I only @Pass in Part II only
17	T. D.	28	—	—	26	2	28	—	—	26	26	—	—	2	2	28	100%	
18	1st M. B., B. S.	35	—	—	34	1	35	—	—	28	28	—	—	1	1	29	82%	
19	F. E.	107	—	1	106	—	106	—	21+1	47	68+1	—	—	—	—	69	65%	
20	S. E.	56	—	3	53	—	53	2	15	15	32	—	—	—	—	32	60%	
21	B. E.	7	—	—	7	—	7	—	—	7	7	—	—	—	—	7	100%	
22	Dip. in Mechanical Engineering	21	—	—	21	—	21	5	12	3	20	—	—	—	—	20	95%	
23	Dip. in Civil Engineering	25	—	—	25	—	25	3	12	6	21	—	—	—	—	21	84%	
24	Dip. in Elec. Engineering	26	—	—	26	—	26	1	19	6	26	—	—	—	—	26	100%	
25	Dip. in Weaving Technology	10	—	—	10	—	10	1	8	1	10	—	—	—	—	10	100%	
26	Dip. in Textile Chemistry	14	—	—	14	—	14	4	5	5	14	—	—	—	—	14	100%	
27	Dip. in Architecture	13	—	—	13	—	13	—	5	3	8	—	—	—	—	8	61%	

B. Results of University Examinations—First half of 1952 *(Contd.)*

S. No.	Examination	No. Registered	Absent	Partly Absent	No. appeared			Number passed										Percentage of passes	Remarks
								Men				Women				Grand Total			
					Men	Women	Total	I Class	II Class	Pass Class	Total	I Class	II Class	Pass Class	Total				
28	Diploma in Music	21	1	—	15	5	20	—	—	13	13	—	—	3	3	16		80%	
29	Jyotish Visharada	2	—	—	2	—	2	—	1	1	2	—	—	—	—	2		100%	
30	Jyotish Alankara	3	—	—	3	—	3	—	2	1	3	—	—	—	—	3		100%	
31	Vyakarana Alankara	1	—	—	1	—	1	—	1	—	1	—	—	—	—	1		100%	
32	Master of Social work	12	—	—	9	3	12	—	—	9	9	—	—	2	2	11		92%	
33	Diploma in Painting	1	—	—	1	—	1	—	—	1	1	—	—	—	—	1		100%	
34	M. Ed.	33	2	—	26	5	31	—	4	14	18	—	—	3	3	21		67%	

CHAPTER II—OFFICERS AND AUTHORITIES OF THE UNIVERSITY

1. Officers.

(i) The Vice-Chancellor

Shrimati Hansa Mehta, B.A. (Hons.) continued as the first Honorary Vice-Chancellor of the University till 29-4-1952 when she completed the period of her appointment under section 63 of the Act. She was elected as the first elected Vice-Chancellor of the University under section 10 (i) of the Act by the Senate at their meeting held on 23-3-52 and assumed office on 30-4-52. She elected to work as Vice-Chancellor in an honorary capacity under Statute 114D. She was on duty leave under Statute 114F from 6-4-52 to 25-6-52 when she went to U. S. A. to attend a meeting of the Human Rights Commission of the United Nations Organisation at New York as a delegate of the Government of India. During the period of her absence on duty, Professor A. R. Wadia, the Pro-Vice-Chancellor, carried on the duties of the Vice-Chancellor under section 12 (2) of the Act till 29-4-52. From 30-4-52 to 10-6-52 Professor S. B. Junnarkar, Dean, Faculty of Technology (including Engineering) carried out the current duties of the Vice-Chancellor's office under section 10 (2A) of the Act. From 11-6-52 to 25-6-52 the duties of the Vice-Chancellor's office were carried on by a committee consisting of Shri C. J. Sutaria, Professor T. K. N. Menon and Professor C. S. Patel.

(ii) The Pro-Vice-Chancellor

Professor A. R. Wadia, B.A. (Bom. and Cantab), Bar-at-Law continued as the first Pro-Vice-Chancellor of the University under section 64 of the Act till 29-4-52. On completion of the period of his appointment he retired from 30-4-52. With his retirement the office of the Pro-Vice-Chancellor ceased to exist as the Senate had not taken a decision in the matter under section 11A of the Act.

(iii) The Registrar

Shri B. K. Zutshi, M.A., LL.B. continued to work as Registrar throughout the year.

2. Authorities.

(i) The Senate

The first Senate nominated by the Government under section 67 of the Act continued to be in office till 14-9-52. The new Senate constituted under section 18 of the Act assumed office on 15-9-52. The new Senate

consists of 89 members. All members of the Senate as per the list published in the University Handbook Part I, 1952, with changes as shown below continued to hold office till the end of the year :—

(a) Shri D. G. Mulherkar, B.A. (Bom.) was nominated by the Government to represent the Department of Industries vice Shri A. S. Naik, B.Sc. (Bom.), B.A. (Cantab), I. C. S.

(b) Mrs. Allie Miller Holley, M.A. (Columbia) was elected as an ordinary Fellow by the Faculty of Home Science vice Shrimati Ranjan Sadoc resigned from University service.

(c) Shrimati Induben N. Desai, B.A. (Banaras), M. S. W. (Baroda) was elected by the Bombay Legislative Assembly to represent it on the Senate under section 18 (1) class II (A) (viii) of the Act in place of Shri V. A. Nickte, B.A.,LL.B.

(d) Dr. G. B. Mankad, M.D.,M.R.C.P.,F.C.P.S. was nominated by the Donor of the Sheth Ujamshi Pitamberdas Ayurvedic Research Unit under section 18 (1) class II (B) (ii) of the Act.

(*ii*) *The Syndicate*

The first Syndicate nominated by the Government under section 67 of the Act continued to be in office from the beginning of the year till 30-10-51.

The following were the members of the first Syndicate :—

1. Shrimati Hansa Mehta, Vice-Chancellor
2. Professor A. R. Wadia, Pro-Vice-Chancellor
3. Shri S. S. Bhandarkar, Deputy Director of Education
4. Dr. Jivraj N. Mehta
5. Professor K. T. Shah
6. Shri C. J. Sutaria
7. Shri G. M. Tambe
8. Professor S. B. Junnarkar
9. Dr. A. N. de Quadros
10. Dr. M. D. Patel
11. Professor T. K. N. Menon
12. Shri R. B. Amin

Shri R. B. Amin ceased to be a member from 16–9–1952 under Statute 63 on account of his continuous absence at four consecutive ordinary meetings.

The new Syndicate constituted under section 23 (2) of the Act assumed office on 31–10–1951 with the following members:—

1. Shrimati Hansa Mehta, Vice–Chancellor
2. Professor A. R. Wadia, Pro–Vice-Chancellor
3. Shri S. S. Bhandarkar, Deputy Director of Education
4. Dr. Jivraj N. Mehta
5. Professor K. T. Shah
6. Shri C. J. Sutaria
7. Dr. J. M. Mehta
8. Dr. R. K. Trivedi
9. Shri R. V. Desai
10. Shri J. S. Parikh
11. Professor T. K. N. Menon
12. Professor S. B. Junnarkar
13 Shri G. B. Pandya
14 Professor C. S. Patel
15 Professor V. Y. Kolhatkar

Professor A. R. Wadia retired from 30-4-52 and the office of the Pro-Vice–Chancellor ceased to exist from that date. Professor S. B. Junnarkar, having completed the period of his loan service in the University, vacated his office of the Dean, Faculty of Technology (including Engineering) from 11–6–52. Dr. A. N. de Quadros, Dean, Faculty of Medicine was elected by the Senate in his place on the Syndicate on 29–6–52. Other members continued to be in office till the end of the year.

CHAPTER III—THE SENATE

Members of the first Senate as per list given in the last Annual Report continued to hold office till 14th September, 1951. Under section 67 of the Act the term of office of the first nominated Senate expired on 31-10-51. Meanwhile, all necessary elections to the Senate were completed in August and September 1951 and the new Senate constituted under section 18 of the Act assumed office on 15th September, 1951. The new Senate consists of 89 members. The list of members is given in Hand Book Part I, 1952 page 13 to 20.

Three meetings of the Senate were held during the year under report, on 7th October, 1951, 23rd March, 1952 and 29th June, 1952.

1. The first meeting was held on 7th October, 1951. At this meeting of the Senate the following elections were held :—

(a) Election of seven persons who were not teachers, to the Syndicate under section 23 (2) (v)

(b) Election of two Deans of Faculties to the Syndicate under section 23 (2) (vi)

(c) Election to fill up the vacancies of four teachers on the Council of Post-graduate Studies and Research under Statute 84.

(d) Election of three Fellows on the Board of Accounts under Statute 105A.

The election under (a) above was contested by eleven persons and the following persons were declared duly elected :—

1 Dr. Jivraj N. Mehta
2 Dr. R. K. Trivedi
3 Professor K. T. Shah
4 Dr. Jyotindra M. Mehta
5 Shri R. V. Desai
6 Shri C. J. Sutaria.

Shri J. S. Parikh and Dr. M. D. Patel got an equal number of votes for the seventh seat. As a result of the lots drawn Shri J. S. Parikh was declared elected.

The election under (b) above was uncontested and Professor S. B. Junnarkar and Professor T. K. N. Menon were declared duly elected.

Under (c) there were only three candidates for election and so Professor B. J. Sandesara, Dr. S. M. Sethna and Dr. G. K. Karandikar were declared duly elected.

Out of the two candidates nominated for the election under (d) above, one withdrew his candidature; the remaining candidate Dr. R. L. Desai was declared duly elected.

At this meeting, the Senate assigned Fellows to the different Faculties and sanctioned a supplementary grant amounting to Rs. 12,800/- in the Revenue Budget; and Rs. 5,10,400/- in the Capital Budget. They also sanctioned a renewal of lapsed grant amounting to Rs. 2,200/- in the Revenue Budget and Rs. 675,934/- in the Capital Budget. A proposal to amend section 14 (1), section 18 (1) B (ii) and section 40 (5) of the Act was also passed. Ordinances and Rules contained in Pamphlet No. 4 and proposals to amend Statutes 71, 107, 116B, 121 and 160 along with a proposal to delete Statute 97 were considered by the Senate and passed. The Senate also instituted a post of a Lecturer in Zoology.

2. At the second meeting of the Senate held on 23rd March, 1952, the following elections were held :—

(a) Election of the Vice-Chancellor under section 10 (1) of the Act from the following panel of three persons recommended by the Syndicate :—

1 Shrimati Hansa Mehta
2 Professor K. T. Shah
3 Professor S. B. Junnarkar

As a result of scrutiny of votes Shrimati Hansa Mehta was declared duly elected.

(b) Election to fill up two vacancies on the Board of Accounts under Statute 105A.

One of the three nominated candidates, Dr. K. S. Venkatraman, withdrew his candidature; the remaining two candidates namely Shri G. M. Tambe and Shri N. G. K. Murti were declared elected.

(c) Election to fill up a vacancy on the Boards of Extra-Mural Studies under provisions of Ordinance 247 (6).

Shri H. C. Mehta, Principal, Baroda Sanskrit Mahavidyalay being the only candidate, was declared duly elected.

(d) Election of one Fellow on each of the Boards of Visitors of the following Faculties and Institutions under provisions of O. 189-I-c(i)

(1) Faculty of Arts
(2) Faculty of Science
(3) Faculty of Education & Psychology

(4) Faculty of Commerce
(5) Faculty of Medicine
(6) Faculty of Fine Arts
(7) Faculty of Social Work
(8) College of Indian Music
(9) Oriental Institute
(10) Intermediate College.

The following persons were declared duly elected to the Board of Visitors shown against their names---

1 Dr. S. S. Bhave—Faculty of Arts
2 Dr. V. Sarabhai—Faculty of Science
3 Shri S. N. Mukerji—Faculty of Education & Psychology
4 Shri J. S. Parikh—Faculty of Commerce
5 Shri M. P. Khokar—Faculty of Fine Arts
6 Shri G. B. Pandya—Intermediate College

As no nomination papers were received for the election to the Board of Visitors for the Faculties of Medicine and Social Work and for the College of Indian Music the seats remained vacant.

As there were two candidates for the election of a Fellow on the Board of Visitors for the Oriental Institute votes were taken and Professor B. J. Sandesara was declared duly elected.

The Senate at this meeting sanctioned the supplementary grants amounting to Rs. 34,756/-in the Revenue Budget and amounting to Rs. 1,24,400/- in the Capital Budget.

The Senate also considered the proposal of Shri S. A. Sabnis to amend Statute 14 with a view to making provision for the Chairman to answer any question asked by a member of the Senate in the procedure of the statement of business. The proposal was accepted by the Senate. Proposals to amend Statutes 75 and 92 and to add Statute 1151 were also accepted by the Senate.

4. At the third meeting of the Senate held on 29th June, 1952, the following elections were held :—

(a) Election of a Dean to the Syndicate under section 23 (2) (vi) of the Act.

Professor S. B. Junnarkar, on ceasing to be the Dean of Faculty of Technology (including Engineering), vacated his seat on the Syndicate and Dr. A. N. de Quadros, Dean, Faculty of Medicine being the only candidate was declared elected.

(b) Election of a Fellow on each of the Boards of Visitors for the Faculty of Medicine and the College of Indian Music.

Dr. B. B. Yodh and Professor Markand Bhatt being the only candidates for the Boards of Visitors for the Faculty of Medicine and the College of Indian Music, respectively, were declared duly elected.

The Senate at this meeting considered and passed the Annual Financial Statement comprising

(a) the Revised Estimates for the Capital Budget for the period from 1st July, 1951 to 30th June, 1952 and the Estimates for Capital Budget for the year 1952-53, and
(b) the Revised Estimates for Revenue Budget for the period from 1st July, 1951 to 30th June, 1952 and the Estimates for the Revenue Budget for the year 1952-53.

The Senate also considered and passed the Ordinances contained in Pamphlet No. 6. The Second Annual Report of the period from 1st August, 1950 to 30th June, 1951 and the Audited Accounts for the period 1st August, 1950 to 30th June, 1951 were also passed.

The Senate also passed a proposal to institute the following new posts in different Faculties :

(1) A Senior or Junior Lecturer in Sculpture (Faculty of Fine Arts)
(2) A Junior Lecturer in Vocal Music (Faculty of Fine Arts)
(3) Two Junior Lecturers in Statistics (Faculties of Arts, Science and Commerce)
(4) A Reader or Senior Lecturer in Sociology (Faculty of Arts).

CHAPTER IV—THE SYNDICATE

1. Number of meetings.

During the year under report the Syndicate held twelve meetings (six ordinary and six special) at which they considered and passed resolutions on 863 items. A perusal of the minutes of the Syndicate meetings, printed and circulated to the members of the Senate, would give an idea of the amount of work done at each meeting and the variety of subjects on which the Syndicate had to record their decisions. Some of the important decisions are mentioned below :—

2. New courses for degree classes.

During the last year new courses framed by the University were introduced in the First Year of Arts, Science and Commerce classes and in Intermediate Science. Due to some difficulties the courses approved for Intermediate Arts and Commerce could not be introduced. As the Boards of Studies wanted a clear directive whether Honours courses should be of two years' duration or three, the new courses for degree classes could not be framed. Since the beginning of the year the Syndicate concentrated its attention on the framing of new courses for the degree classes and the Ordinances about standards of examinations etc. in the Faculties of Arts, Science, Commerce, Education & Psychology and Technology (including Engineering). Directives were given to the various Boards of Studies to frame General and Honours courses of two years' duration. The courses framed by the Boards were scrutinised by the respective Faculties in the months of December 1951 and January 1952. The Syndicate considered the recommendations of the Faculties in their meeting held in January 1952 and passed the new courses for the degree classes in the Faculties. The courses, standards of admission and the examination system in the new Faculties of Fine Arts, Home Science and Social Work were also approved. With the help of the Deans and Heads of Institutions the new prospectuses of the Faculties were published by March 1952. Instruction according to the new courses framed by the University started in Intermediate Arts and Commerce, B.A. General and Special, B.Sc., B.T., F.E. and S.E. classes from June 1952.

3. Institution of some special courses.

(a) The Syndicate considered a proposal from the Dean, Faculty of Education and Psychology to institute a new B. A. (Hons.) course in Psychology from June 1952. As two members of the staff of the

Faculty, who were granted study leave in the year 1949-50 and who had specialised in the subject of Psychology, were due to resume their duties by June 1952 and as the Faculty of Education and Psychology had already a well furnished Psychological laboratory, the Syndicate approved the proposal of the Dean. The syllabus for the new course was approved during the year. Funds for the purchase of some more apparatus for the laboratory were also sanctioned and the course was started from June 1952.

(b) The Syndicate also considered a proposal from the Honorary Lecturer in Museology to institute a post-graduate diploma course of two years' duration in Museology. Qualified staff and facilities of the Baroda Museum and Picture Gallery being available, the Syndicate approved the proposal. The syllabus was approved during the year. Through the co-operation of the Government of Bombay a portion of the basement rooms in the building of the Museum and Picture Gallery at Baroda was obtained for the Museology laboratory on a nominal rent of Re. 1/- per month and on a lump sum payment of Rs. 1,400/- to Government for necessary partitions and alterations in the basement. The necessary staff, equipment and contingencies were sanctioned and the course was duly started from 15th July, 1952.

(c) The Syndicate also approved a proposal from the Dean, Faculty of Science to admit students to the Inter Science class for the Geology group from June 1952.

(d) Permission was also given to the Principal, Baroda Sanskrit Mahavidyalaya to start the "Sahitya Branch" from 15th July, 1952.

4. Development and improvements in existing departments.

(a) A proposal from the Head of the department of Statistics for the development of the department was considered by the Syndicate and two posts of Lecturers (besides the two existing posts of Readers), a non-recurring grant of Rs. 10,000/- for equipment of the Statistical laboratory and a recurring grant of Rs. 2000/- per year for laboratory contingencies, books and journals were sanctioned for the department.

(b) On a similar proposal from the Head of the department of Sociology, grants of Rs. 5000/- for books, Rs. 2000/- for equipment and field work and Rs. 1706/- for travelling allowance to staff and students for field work were sanctioned.

(c) The Dean, Faculty of Technology (including Engineering) brought to the notice of the Syndicate that the Faculty library needed

some special grant to purchase some modern books and back numbers of journals. The Syndicate, therefore, sanctioned a special grant of Rs. 5000/- from the Capital Budget to the Faculty for the library over and above its annual grant of Rs. 5000/- provided in the Revenue Budget.

5. Efforts to encourage research work.

With a view to encouraging research work the Syndicate instituted schemes of Honorary and Visiting Professors, Research Assistants, Research students and of grants for research work and provided an amount of Rs. 30,500/- for these items and sanctioned the following :-

(a) A scheme of inviting eminent scholars in various subjects as Honorary and Visiting Professors was introduced. It was laid down that Honorary Professors be paid an honorarium of Rs. 250/- p.m. if they agreed to stay in Baroda and give four lectures a month and that the Visiting Professors be paid Rs. 100/- per lecture as remuneration plus railway fare each way. Under the scheme Dr. H. Goetz, PH.D. (Munich) was invited as an Honorary Professor in Art History on an honorarium of Rs. 250/- p.m. and Shri R. V. Parulekar, M A (Bom.) T. D. (London) M ED. (Leeds) was invited as Honorary Professor in Educational Administration on an honorarium of Rs. 1500/- per year. Both accepted the invitation and worked as Honorary Professors during the year under report. Dr. K. R. Ramanathan, B.Sc. of the Physical Research Laboratory, Ahmedabad and Professor D. D. Kosambi of the Tata Institute of Fundamental Research were invited as Visiting Professors in the Faculties of Science and Commerce respectively and each gave a course of 5 to 6 lectures during the year. Four other scholars were invited as Visiting Professors but they were not able to come during the year under report.

(b) A scheme to appoint Research Assistants on a monthly salary of Rs. 125/- p.m. and Research students on a stipend of Rs. 75/- p.m. was instituted to help the staff members in the research work which is being carried out by them. Three Research Assistantships were sanctioned during the year—one each in the departments of Economics and Sociology in the Faculty of Arts and one in the Faculty of Education and Psychology. Five Research studentships were awarded, four in the Faculty of Arts and one in the Faculty of Education and Psychology. Besides this, two students were awarded stipends of Rs. 125/- p.m. and deputed to the Central Bank of India Ltd., Bombay for practical training

in Banking and three students, two with stipends of Rs. 125/- p.m. each and one at his own expense, were deputed for higher research work in Physics under Dr. K. S. Krishnan at the National Physical Laboratory, New Delhi.

(c) Under the scheme of sanctioning grants for research work undertaken by the members of the staff the Syndicate approved the following schemes of research and sanctioned grants shown against each:—

Department	Nature of research work	Grant
(i) Gujarati	Publication of critical editions of Old Gujarati works.	Rs. 1600/-
(ii) Economics	A Socio-Economic survey of the city of Baroda.	Rs. 1000/-
(iii) Art History	Research tour for Archaeological and Art History investigations.	Rs. 300/-

6. Action on the report of the Board of Visitors for the Faculty of Technology (including Engineering).

On the recommendation made by the Board of Visitors for the Faculty, arrangements were made to appoint a Junior Lecturer in Geology and two additional Demonstrators in Civil Engineering and top priority was given to the purchase of equipment for Hydraulics, Metallurgical and Radio Laboratories and the Vice-Chancellor was authorised to sanction purchases of the necessary equipment costing up to Rs. 5 lakhs. On the recommendation of the Board of Visitors and the Director of Technical Education Bombay, a new four year course in the place of the old three year course was introduced in the Technical High School attached to the Faculty with a view to enabling the students to appear at the S. S. C. Examination. This reorganisation was brought about with the addition of one teacher to the staff of the Technical High School, and the new courses commenced from 1st March 1952 in line with those of other Technical High Schools of the Bombay State. The reoganisation was appreciated by the public and the number of admissions to the first year of the school, which was 10 last year, rose to 51 during the year under report. The School was expected to be popular as students passing the S. S. C. Examination from the school were eligible for admission directly to the second year of the Diploma courses in the Faculty of Technology (including Engineering) or to admission to the first year course in the Faculty of Science.

7. Progress of Textile Technology courses.

(a) The Textile Technology Advisory Committee of the Syndicate held four meetings during the year. On its recommendations the Syndicate took the following measures towards the organisation of the Textile Technology courses: —

(i) Approved the placing of orders for Textile Testing Instruments, Hot Air Drying Sizing Machine, Blow room machinery, Sizing, Mixing and Boiling Apparatus, Moisture Tester machine and Spinning machinery.

(ii) Approved the plans and the estimates of Rs. 2,90,000 of the buildings of the Textile Technology Laboratory and requested the Dean to prepare the details of arrangements of the loboratories, class–room etc.

(iii) Approved the deputation of two candidates (a) Shri K. H. Patel, B.Sc. Eng. (B. H. U.) M.Sc. Eng. (Manchester), Senior Lecturer in Machanical Enginnering and (b) Shri C. B. Kothari, B.Sc. Tech. (Bom.) a fresh candidate for training to the Swiss Federal Institute of Technology at Zurich (Switzerland). Both candidates were to be awarded stipends of Rs. 450/– p.m. during the course of their training. Shri K. H. Patel, being an employee of the University was to be allowed to draw, in addition, a family–allowance of Rs. 250/–p. m. Necessary amounts for railway and sea fares, and other incidental charges of the journey and for books and fees were also sanctioned.

(iv) Extended an invitation to Dr. E. Honneger, Director of the Swiss Federal Institute of Technology, Zurich, to come to Baroda for a period of two years to organise the department of Textile Technology and, in case he could not do so, to suggest some other suitable person who would be available for the work.

(v) Shri B. N. Patel, Senior Lecturer in Weaving Technology, was appointed as a Reader in Textile Technology from 16–6–51 to help the Dean in the organisation of this department, but before taking charge Shri Patel went on leave without pay for a period of one year from 1–4–52 and so the post remained vacant.

(vi) The Board of Studies in Technology (Textile) was requsted to frame courses for a four year Degree course in Textile Technology. The Board commenced the work and had framed detailed courses for the first two years.

8. Steps taken to improve the working of the Baroda Sanskrit Mahavidyalaya.

The Sanskrit Mahavidyalya was taken over by the University on

18-6-51. The Syndicate directed that for purposes of courses and examinations, the Sanskrit Mahavidyalaya should be under the Faculty of Arts and its courses should be prescribed by the Board of Studies in Sanskrit, Pali and Ardha—Magdhi Languages and Literature. During the year the Board of Studies revised the various courses conducted in the Vidyalaya and made recommendations about changing the nomenclature of the degrees, diplomas and certificates to be awarded by the institution. The recommendations were passed by the Faculty of Arts and approved by the Syndicate.

The Syndicate appointed a Standing Committee to consider administrative questions of the institution and, on its recommendations, passed orders about (i) revising the old grades and salaries of the staff so as to bring them in line with other similar University employees, (ii) sanctioning the administrative powers to be exercised by the Principal (iii) the gradual closing down of its Ayurvedic section and (iv) starting of the Sahitya Branch from the session beginning in June 1952.

8. Facilities to members of the staff for higher studies.

(a) Three members of the staff were granted study leave according to rules as shown below :—

Name	Designation	Nature of higher studies
(i) Shri S. N. Mukerji	Reader in the Faculty of Education & Psychology	Doctorate in Education, Columbia University.
(ii) Shri J. S. Dave	Junior Lecturer in Chemistry	Ph.D. in Physical Chemistry, University of Manchester.
(iii) Shri N. S. Pandya	Junior Lecturer in Physics	Ph.D. London University, London.

(b) The following members of the staff were granted necessary leave without pay for higher studies : —

Name	Designation	Nature of higher studies
(i) Shri S. N. Ranade	Senior Lecturer in the Faculty of Social Work	U. S. Government Fellowship for higher studies in the field of Professional Social Work, New York School of Social Work.
(ii) Shrimati Perviz Bhatt.	Junior Lecturer in the Faculty of Social Work	Master of Social Work, New York School of Social Work.

(c) The following members of the staff were deputed to attend training courses shown against their names :—

Name	Designation	Nature of higher studies and period
(i) Shri B. K. Mistry	Machine Shop Mistry, Faculty of Technology (including Engineering)	Government of India Instructors' Training Course at Kand, Bilaspur (14-11-51 to 30-4-52)
(ii) Shri H. A. Sheikh	Foundry Shop Mistry Faculty of Technology (including Engineering)	Government of India Instructors' Training Course at Kand, Bilaspur (15-5-52 to 4-8-52)
(iii) Shri S. S. Dighe	Senior Lecturer in Mechanical Technology Faculty of Technology (including Engineering)	A course in Ballistics organised by Defence Science Organisation at New Delhi from 1-5-52 to 30-6-52.

10. Rules revised and newly framed.

(a) Rules revised :—

(i) It was felt that the acting allowance rules were rather vague. The rules were revised and acting allowance was made permissible for appointments if they extended for a month or more.

(ii) Each hostel was following its own set of rules. From the beginning of the year all hostels were brought under a central management and a uniform set of rules for them was approved by the Syndicate. These rules lay down procedure for admission, allocation of seats, attendance at studies, appointments of House and Food monitors and their duties, and for the general conduct of students residing in the hostels.

(iii) The old budget rules needed revision in the light of experience. The rules were accordingly revised so that the budget statements could be placed before the Finance and Establishment Standing Committee in March, before the Syndicate in April, and before the Senate in June every year.

(b) New Rules.

(i) A Library Committee was constituted and one of its first recommendations was to frame "Rules of the Library." These rules lay down the timings during which the library was to remain open for reading on the premises and the procedure for lending of books, admission as readers, conditions of the loan of books and about general behaviour of readers while in the Library.

(ii) In several cases temporary appointments had to be made, or extra work was required to be done by the existing members of the staff. The duration varied in each case. It was felt necessary to lay down some rules for giving vacation salary and allowances in some cases. Accordingly. "Rules regarding payment of extra allowance in vacations" and "Rules regarding payment of Salaries to the teachers appointed temporarily" were framed. These rules allow payment of three weeks' salary or allowance if the appointment is for one whole term and of full vacation salary or allowance if the teacher had worked for one whole academic year.

(iii) Rules and regulations had to be framed on the question of University service, appointment of employees, their probationary period, payment of increments, bonds to be entered into by employees and other allied matters. Accordingly, the Syndicate sanctioned "Rules regarding conditions of service for University employees."

11. Attendance at meetings.

The following statement shows the attendance of members at the meetings of the Syndicate during the period under report:—

(Period from 1-7-51 to 30-10-51)

Name	No. of meetings	Class of meetings	Present	Absent	Remarks
1. Shrimati Hansa Mehta, Vice-Chancellor	4	O.3 S.1	4	—	
2. Professor A. R. Wadia Pro-Vice-Chancellor	4	O.3 S.1	4	—	
3. Shri S. S. Bhandarkar	4	O.3 S.1	1	3	
4. Dr Jivraj N. Mehta	4	O.3 S.1	4	–	
5. Professor K. T. Shah	4	O.3 S.1	3	1	
6. Shri C. J. Sutaria	4	O.3 S.1	4	–	
7. Shri G. M. Tambe	4	O.3 S.1	3	1	
8. Professor S. B. Junnarkar	4	O.3 S.1	4	–	
9. Dr. A. N. de Quadros	4	O.3 S.1	3	1	
10. Dr. M. D. Patel	4	O.3 S.1	3	1	
11. Professor T. K. N. Menon	4	O.3 S.1	4	–	
12. Shri R. B. Amin	3	O.3 S.1	–	3	Ceased to be a member from 16-9-52.

(Period from 31-10-51 to 30-6-52)

1. Shrimati Hansa Mehta, Vice-Chancellor	8	O.3 S.5	6	2	
2. Professor A. R. Wadia Pro-Vice Chancellor	6	O.3 S.3	5	1	Ceased to be a member from 30-4-52.
3. Shri S. S. Bhandarkar	8	O.3 S.5	4	4	

Name	No. of meetings	Class of meetings	Present	Absent	Remarks
4. Dr. Jivraj N. Mehta	8	O·3 S·5	8	–	
5. Professor K. T. Shah	8	O.3 S·5	4	4	
6. Shri C. J. Sutaria	8	O·3 S·5	7	1	
7. Dr. J. M. Mehta	8	O·3 S·5	4	4	
8. Dr. R. K. Trivedi	8	O·3 S·5	7	1	
9. Shri R. V. Desai	8	O·3 S·5	8	-	
10. Shri J. S. Parikh	8	O·3 S·5	7	1	
11. Professor T. K. N. Menon	8	O·3 S·5	7	1	
12. Professor S. B. Junnarkar	7	O·3 S·4	7	–	Ceased to be a member from 11-6-52.
13. Shri G. B. Pandya	8	O·3 S·5	7	1	
14. Professor C. S. Patel	8	O·3 S·5	8	-	
15. Professor V. Y. Kolhatkar	8	O·3 S·5	7	1	
16. Dr. A. N. de Quadros	1	O·nil S·1	1	–	Elected as a member on 29-6-52.

O. means Ordinary.
S. means Special.

CHAPTER V—FACULTIES AND BOARDS

1. Constitution of new Faculties and Boards.

The Faculties and Boards as constituted on 19th March, 1951, and mentioned in the previous Annual Report continued to function till new Faculties and Boards were duly constituted according to the provisions of the revised Act. After the revision of the Act on 12–4–51 steps were taken to constitute new Faculties and Boards. The necessary preliminaries regarding the Boards were completed by the end of August 1951 and the new Boards assumed office on 1st September, 1951. The final step regarding constitution of new Faculties i.e. the assignment of new Fellows was completed at the Senate meeting on 7th October, 1951 and the new Faculties assumed office on 7th October, 1951.

2. Members of the Faculties.

The names of members of the different Faculties are listed on pages 22 to 33 of University Hand Book Part I, 1952 (as corrected by errata dated 1-2-52). These members continued in office till the end of the year except for the changes as shown below :—

(i) Consequent upon a change made by the Government of Bombay in their nomination of the representative of the Department of Industries, Shri A. S. Naik, B.Sc. (Bom.), B.A. (Cantab), I.C.S. ceased to be a member of the Faculty of Technology (including Engineering), and Shri D. G. Mulherkar, B.A. (Bom.) became a member of the Faculty of Commerce.

(ii) Shrimati Ranjan Sadoc, a member of the Faculty of Home Science having left the University, Mrs. Allie Miller Holley, M.A. (Columbia) became a member of the Faculty in the resulting vacancy.

3. Members of the Boards.

The names of the members of the various Boards of Studies are given on pages 34 to 48 of University Hand Book Part I, 1952 (as corrected by errata dated 1–2–52). These members continued in office till the end of the year under report except for the changes as shown below :—

(i) Shri S M. Wadia, having been permitted to retire from 22-5-52 and re-employed from that date, ceased to be the Head of the department of English as well as the Chairman of the Board of Studies in English, and the post of the Chairman remained vacant since then.

(ii) Professor S. B. Junnarkar ceased to be the Dean of the Faculty of Technology (including Engineering) from 11-6-52 and consequently ceased to be the Chairman of the Board of Studies in Engineering. He was re-appointed as an expert on the Board on 29-6-52.

(iii) Mrs. Allie Miller Holley, M.A. (Columbia) became a member of the Board of Studies in Home Science vice Shrimati Ranjan Sadoc resigned from University service.

(iv) The two separate Boards of Music, and of Dancing and Dramatics in the Faculty of Fine Arts were amalgamated into a single Board of Music, Dancing and Dramatics.

(v) The following new Board of Studies in Geology and Geography with 3 to 5 members was constituted in June 1952 :—

Elected by teachers (2)

1. Miss V. Janaki 2. Shri S. S. Merh

Experts (4)

1. Dr. A. S. Kalapesi 2. Professor C. B. Joshi 3. Dr. D. N. Wadia 4. Shri B. G. Deshpande

4. Meetings of Faculties.

The following is the list of meetings of the Faculties held during the period 1–7–1951 to 30–6–1952.

Faculty	Date of the meeting and date on which the report was considered by the Syndicate	Main business done at the meeting
1. Faculty of Arts	8–12–51 (30–1–52)	1. Framed courses for B.A. (a) General (b) Honours—2 years as well as 3 years 2. Scheme of periods per week per subject.
2. Faculty of Science	(i) 20–8–51 (15–9–51)	1. Election to Boards of Studies 2. Instituting a post of Junior Lecturer in Zoology

	(ii) 7-12-51 (30-1-52)	Framed courses for B.Sc. (a) General (b) Honours—2 years as well as 3 years
3. Faculty of Commerce	(i) 20-8-51 (15-9-51)	Election to Board of Studies
	(ii) 8-12-51 (30-1-52)	(1) Standard of passing and grouping (2) Syllabus for I.Com. and B.Com. in certain subjects
4. Joint Faculties of Arts Science and Commerce	8-12-51 (30-1-52)	(1) Duration of the Honours courses (2) Courses in Mathematics (Honours) for B.A. and B.Sc.
5. Joint Faculties of Arts and Commerce	8-12-51 (30-1-52)	(1) Courses in Politics for B.A. (2) Courses in Economics for B.Com.
6. Faculty of Education and Psycholoy	(i) 19-8-51 (15-9-51)	1. Election to Board of Studies 2. Question of introducing (i) Two-year M.Ed. course by papers including dissertation (ii) Basic Education (including Child Education) (iii) Hindi, as special methods for B.T. & T.D. courses (iv) Craft, as a compulsory subject for the T.D. course

	(ii) 9-1-52 (30-1-52)	Revison of B.T. courses
7. Faculty of Medicine	19-8-51 (15-9-51)	Election to Board of Studies
8. Faculty of Technology (including Engineering)	(i) 21-8-51 (15-9-51)	Election to Boards of Studies
	(ii) 8-12-51 (30-1-52)	Syllabi for Textile Technology
	(iii) 23-3-52	1. Short course in Textile Physics 2. Question regarding Degree course in Textile Technology
9. Faculty of Fine Arts	(i) 21-8-51 (15-9-51)	1. Election to Boards of Studies 2. Question of teaching the subject of Cultural Background
	(ii) 9-12-51 (30-1-52)	1. Courses in Museology 2. Studies in Art History
10 Faculty of Home Science	(i) 22-8-51 (15-9-51)	1. Election to Board of Studies 2. Conditions regarding admissions
	(ii) 16-1-52 (30-1-52)	1. Minutes of the Board of Studies in Home Science dated 16-1-1952 2. Paper in Hindi upto the Intermediate standard
11 Faculty of Social Work	(i) 17-8-51 (15-9-51)	Election to Board of Studies
	(ii) 13-1-52 (16-2-52)	Scheme of examination

5. Meetings of the Boards.

The following meetings of the Boards of Studies were held during the period 1-7-52 to 30-6-52 :—

Boards of Studies in	Date of meeting and the date on which report was considered by the Faculty	Main items considered
Faculty of Arts		
1. Sanskrit, Pali, Ardha-Magdhi Languages and Literature	(i) 15-9-51 (8-12-51)	1. Election of members to represent the Board on the Faculty. 2. Framing the courses for B. A. (General) in Sanskrit and Pali. 3. Framing the courses for B. A. (Honours) of 2 years' and 3 years' duration. 4. Recommeding Text books for courses in B. A.
	(ii) 17-11-51 (8-11-51)	1. Preparing panels of examiners. 2. Splitting up of the Alankara Degree course in Sanskrit Mahavidyalaya. 3. Recommending minimum qualifications for admission to different courses in Sanskrit Mahavidyalaya. 4. Recommending changes in the Text-books.
2. Persian, Urdu, and other Asian Languages and Literature	22-9-51 (8-12-51)	1. Election of members to represent the Board on the Faculty. 2. Recommending Text-books for F. Y. Arts, Inter Arts, B. A. (General and Honours).
3. Hindi Language and Literature	1-10-51 (8-12-51)	1. Election of members to represent the Board on the Faculty. 2. Framing the courses for B. A. (General) and M. A. 3. Recommending that Hindi be made compulsory in various Faculties.

4. Gujarati Language and Literature	25-9-51 (8-12-51)	1. Election of members to represent the Board on the Faculty. 2. Preparing panels of examiners. 3. Framing the courses for B. A. (General). 4. Framing the courses for B. A. (Honours) of 2 years' and 3 years' duration. 5. Recommending Text-books for B.A. (Honours) (1953). 6. Recommending changes in the Text-books for F. Y. Arts and Inter Arts.
5. Marathi Language and Literature	17-9-51 (8-12-51)	1. Election of members to represent the Board on the Faculty. 2. Preparing panels of examiners. 3. Framing the courses for B. A. (General). 4. Framing the courses for B.A. (Honours) of 2 years' and 3 years' duration. 5. Recommending Text-books for B.A. (General) 1952-1953-54 and B. A. (Honours) 1955.
6. English Language and Literature	(i) 2-7-51	1. Modifying the course in English for F. Y. Commerce.
	(ii) 3-10-51 (8-12-51)	1. Election of members to represent the Board on the Faculty. 2. Preparing panels of examiners. 3. Framing the courses for B.A. (Honours) of 2 years' and 3 years' duration. 4. Reconsidering the courses framed for various classes. 5. Recommending Text-books.

7.	Modern and Ancient European Languages and Literature	17-9-51 (8-12-51)	1. Election of members to represent the Board on the Faculty. 2. Preparing panels of examiners. 3. Recommending Text-books for various classes. 4. Recommending a scheme for the encouragement of foreign languages such as French and German.
8.	Sociology	10-10-51 (8-12-51)	1. Election of members to represent the Board on the Faculty. 2. Framing the courses for B. A. (General) and (Honours).
9	History Archaiology and Ancient Indian Culture	(i) 15-9-51 (8-12-51)	1. Election of members to represent the Board on the Faculty. 2. Preparing panels of examiners. 3. Reconsidering the courses for B. A. (General).
		(ii) 3-12-51 (8-12-51)	1. Reconsidering the courses for B. A. (Honours) of 2 years' and 3 years' duration.
10	Philosophy	(i) 4-7-51 (8-12-51)	1. Recommending that the syllabi in Logic already passsed by the Board earlier be continued.
		(ii) 18-9-51 (8-12-51)	1. Election of members to represent the Board on the Faculty. 2. Recommending changes in the courses for F. Y. Arts, F. Y. Commerce, Inter Arts, and Inter Commerce.
		(iii) 10-10-51 (8-12-51)	1. Framing the courses for B. A. (General). 2. Framing the courses for B. A. (Honours) of 2 years' and 3 years' duration.

Faculty of Science :

11.	Physics and Meteorology	6-10-51 and 21-11-51 (7-12-51)	1. Election of members to represent the Board on the Faculty. 2. Preparing panels of examiners. 3. Framing the course for B. Sc. (Subsidiary). 4. Framing the course for B. Sc. (Honours) of 2 years' and 3 years' duration. 5. Finalising the courses for F. Y Science and Inter Science.
12	Chemistry	(i) 14-9-51 (7-12-51)	1. Election of members to represent the Board on the Faculty. 2. Preparing panels of examiners. 3. Framing the course for B. Sc. (Honours) of 3 years' duration. 4. Recommending a panel of the names of referees to examine the thesis of Miss Sarla T. Doctor.
		(ii) 24-11-51 (7-12-51)	1. Finalising the courses for F. Y. Science, Inter Science, B.Sc. (Subsidiary) and B. Sc. (Honours) of 2 years' and 3 years' duration.
13.	Botany	(i) 25-9-51 (7-12-51)	1. Framing the course for B.Sc. (Subsidiary). 2. Framing the courses for B.Sc. (Honours) 3 years' duration.
		(ii) 24.11-51 (7-12-51)	1. Finalising the courses for F. Y. Science, Inter Science, B. Sc. (Subsidiary) and B. Sc. (Honours) of 2 years' and 3 years' duration.

	(iii) 29-1-51	1.	Reconsidering the courses for B. Sc. (Honours).
		2.	Framing the courses of Instrumentation.
14. Zoology,	(i) 13-9-51 (7-12-51)	1.	Election of members to represent the Board on the Faculty.
		2.	Preparing the panels of examiners
		3.	Framing the courses for B. Sc. (Honours) of 2 years' and 3 years' duration.
		4.	Recommending improvement in standard of Practical work.
	(ii) 24-11-51 (7-12-51)	1.	Finalsing the courses for F. Y. Science, Inter Science, B. Sc. (Subsidiary) and B. Sc. (Honours) of 2 years' and 3 years' duration.

Faculty of Commerce :

15. Commerce, Business Organisation etc.	(i) 14-9-51 (8-12-51)	1.	Election of members to represent the Board on the Faculty.
		2.	Appointing a Committee to consider (i) the syllabi of Diploma in Commerce (Government of India), (ii) the scheme of Diploma in Commerce prepared by the Dean, and (iii) the syllabi of Diploma in Co-operation and Accountancy of the Bombay Government.
	(ii) 29-9-51 (8-12-51)	1.	Preparing panels of examiners.
		2.	Recommending that Diploma courses be not started.
	(iii) 24-11-51 (8-12-51)	1.	Finalising the courses for Inter Commerce and B. Com.

Joint Faculties of Arts, Science and Commerce :

16. Mathematics, Statistics and Actuarial Science	(i) 2-10-51 (7-12-51)	1.	Election of members to represent the Board on the Faculty.
		2.	Preparing panels of examiners.
		3.	Recommending that Mathematics and Statistics be subjects in the Faculty of Arts also.
		4.	Framing the course for B. A. (Honours) and B. Sc. (Honours) of 3 years' duration.
17. Mathematics	25-11-51 (7-12-51)	1.	Finalising the courses in Mathematics for the B.A. (Honours) and B. Sc. (Honours) of 2 years' and 3 years' duration.
18. Statistics and Actuarial Science	(i) 24-11-51 (8-12-51)	1.	Election of members to represent the Board on the Faculty.
		2.	Framing the courses for Inter Arts and Inter Commerce.
		3.	Framing the courses for Statistics and Actuarial Science at B. Com.
		4.	Framing the courses in Statistical Methods at B. A.
		5.	Framing the courses in Statistics at B. Sc. (Subsidiary).
		6.	Framing the courses in Statistics at B. Sc. (Principal) 2 years' and 3 years' duration.

Joint Faculties of Arts and Commerce :

19. Politics and Administration	(i) 3-10-51 (8-12-51)	1.	Framing the courses in Civics for F.Y. Arts and Commerce.
		2.	Framing the courses in Elements of Politics at Inter Arts.
		3.	Framing the courses for B. A. (General).
		4.	Framing the courses for B.A.(Honours) of 2 years' and 3 years' duration

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	(ii) 26-6-1952 (3-10-1952)	1. Framing the courses in International Relations at M. A. 2. Finalising the courses for B. A. (Honours).
20. Economics	(i) 12-9-51 (8-12-51)	1. Election of members to represent the Board on the Faculty. 2 Preparing panels of examiners.
	(ii) 24-11-51 (8-12-51).	1. Framing the courses for Inter Commerce and B. Com.
	(iii) 30-6-52	1. Framing the courses for B. A. (General). 2. Framing the courses for B. A. (Honours) of 2 years' and 3 years' duration. 3. Framing the courses for M. A.
Faculty of Education and Psychology		
21. Education and Psychology	(i) 29-9-51 ((9-1-52)	1. Framing the courses for M. Ed. of 2 years' duration. 2. Framing the courses in Social Psychology at the M. A.
	(ii) 9-1 52 (9-1-52)	3. Framing regulations and courses for M. Ed.
Faculty of Medicine :		
22. Anatomy and Physiology	(i) 17-9-51 (20-7-52)	1. Framing the courses for First M. B., B.S.
	(ii) 20-6-52 (20-7-52)	2. Framing the courses for (a) M.Sc. (Physiology). (b) B. Sc. and M. Sc. (Anatomy).
23. Pharmacology and Pathology	(i) 17-9-51 (20-7-52)	1. Recommending periodic tests. 2. Recommending registration of post-graduate students.
	(ii) 28-6-52 (20-7-52)	1. Framing the courses of Bio-Chemistry for M.Sc. (Med.)
24. Medicine, Surgery, Mid-Wifery etc.	(i) 6-10-51 (20-7-52)	2. Framing the courses in various subjects at the M. B., B. S.

	(ii) 23-3-51 (10-7-52)	Finalising the courses in various subjects at the M. B. B. S.
Faculty of Technology (including Engineering)		
25. Technology (Textile)	(i) 22-9-51 (8-12-51)	Preparing panels of examiners.
	(ii) 8-12-51 (8-12-51)	Recommending re-organization of Diploma courses in Weaving Technology.
	(iii) 23-3-52 (23-3-52)	Framing the courses for the first two years' in Textile Technology (Degree).
26. Engineering	(i) 22-9-51 (8-12-51).	1. Preparing panels of examiners. 2. Framing degree courses in B. E. (Civil, Mechanical and Electrical).
	(ii) 8-12-51 (8-12-51)	1. Recommending exemption to the ex-students appearing at the F. E. Degree Examination in 1952. 2. Considering the inclusion of Timber Technology in the syllabi of B. E. (Civil).
Faculty of Fine Arts :		
27. Painting, Sculpture and Applied Arts	(i) 17-9-51 (9-12-51)	Preparing panels of examiners.
28. Architecture	(i) 27-9-51 (9-12-51)	1. Framing the courses for Diploma in Architecture.
	(ii) 8-12-51 (9-12-51)	2. Framing the courses for Degree in Architecture.
29. Music	(i) 14-9-51 (9 12-51)	1. Framing the courses for Diploma in Vocal and Instrumental Music.
	(ii) 8-12-51 (9-12-51)	1. Preparing panels of examiners.

30. Dancing and Dramatics	(i) 4–10–51 (8–12–51) (ii) 8–12–51 (9–12–51)	1. Preparing panels of examiners. 1 Framing the courses for Diploma in Dramatics.
Faculty of Home Science:		
31. Home Science	(i) 5-10-51 (16–1–52) (ii) 16–1–52 (16–1–52)	1. Preparing panels of examiners. 1. Recommending changes in the courses for B.Sc. (Home).
Faculty of Social Work :		
32. Social Work	14–9–51 (13–1–52)	Preparing panels of examiners.

CHAPTER VI—OTHER BOARDS AND COMMITTEES

1 Several Boards and Committees.

Besides the authorities mentioned in the foregoing Chapters there are several Boards and Committees to help and advise the Syndicate in academic and administrative matters. The names of the members of these bodies are given on pages 33, 34 and 48 to 64 of Hand Book Part I, 1952. The work done by some of these bodies during the year is summarised in sections that follow :—

2 Council of Post-Graduate Studies and Research.

The Council held two meetings and considered twelve items. Some of the important resolutions were as under :—

(i) Recommended 74 teachers of the University for recognition for guiding post-graduate work.

(ii) Approved the registration of 147 students as post-graduate students.

(iii) Recommended "Rules relating to Post-graduate Studies" and "Rules regarding Research Studentships."

(iv) Recommended recognition of the National Physical Laboratory, New Delhi, and the Indian Institute of Science, Banglore for purposes of post-graduate work in the University.

3 University Board of Sports.

The Board held four meetings during the year and considered 18 items. Some of the important items considered were :—

(i) Report on Physical Education in the University by Principal P. M Joseph of the Physical Training Institute, Kandivali. The Board generally approved of the recommendations made in the report.

(ii) Question of providing a ground for foot-ball and conversion of the present three cement tennis courts into sand courts. The Syndicate permitted conversion of only one court.

(iii) Question of sending the University teams to take part in the Inter-University tournaments. It had decided to send only Cricket and Badminton teams.

(iv) Question of sanctioning additional grant for Badminton to University Union. A grant of Rs. 250/– was approved by the Board.

4 Students' Welfare Board.

The Board met only once and considered the following questions :—

(i) Finding suitable part-time employment for needy students:

All industrial and business concerns in the city of Baroda were requested to co-operate in the matter. The response, however, was discouraging and the idea had to be dropped.

(ii) Report of the Students' Hostels Welfare Committee :

A Committee consisting of Dr. T. V. Patel, Shrimati Gul Wadia, Dr. G. S. Apte, Dr. P. M. Luhar, Shrimati Shirin Wadia, Shri B. A. Patel and Shri S. T. Khushalani was appointed to advise about the welfare of the students residing in the University Hostels.

(iii) Report of the Medical Examination Board :

Dr. T. V. Patel, the Convener of the Board, explained the work of the Board. It was resolved to recommend that students should be exempted from P. T. on the recommendation of the Medical Examination Board only.

(iv) Co-operative Store for Students :

It was noted that the Union had already started a store.

(v) Poor Boys Fund :

The Board recommended that the Fund be started and that all fines collected from students on account of late payments of fees, minor lapses of discipline and other similar reasons be credited to this Fund. The Syndicate approved the recommendation.

5 Library Committee.

The Committee held three meetings during the year and made recommendations to the Syndicate on twenty-one items connected with the University Library. The following are some of the measures adopted by the Syndicate on the recommendations of the Committee :—

(i) Rules regarding University Library were laid down.

(ii) Allocation of budget grant for books subjectwise.

(iii) Appointment of eleven booksellers of Bombay, Ahmedabad and Baroda as standing vendors for the placing of orders of books and journals at approved terms.

(iv) A " Readers' Class " was instituted under which any person interested in reading books is allowed to make use of the library on its premises on the recommendation of the Head of a department.

(v) Clearing up the arrears of work of classification of books by sanctioning a special grant of Rs. 300/-for additional staff.

(vi) Attracting more students and members of the staff to the library by means of arranging their visits to the library and by means of monthly reports about the number of students and members of the staff enrolled as readers in the library.

6. **University Building Committee.**

The Committee held one meeting and considered nine items placed before it by the University Engineer. All its recommendations were approved by the Syndicate. Some of the important recommendations were as follows .—

(i) Providing partitions in the space opposite the staircases in Hostels Nos. 1 and 2 on each floor to make provision for one Visitor's Room in each hostel, office of the Convener of the Warden's Committee, doctor's examination room and a sick room.

(ii) Providing alluminium pipes in the balconies of the two hostels.

(iii) Providing ping-pong tables and carrom boards in the common rooms of the two hostels.

7. **Building Planning Committee.**

The Committee held one meeting on 23-3 1952 and made nine recommendations as under :-

(i) Commerce College : The building need not be constructed for the present. Feasibility of accommodating Faculty of Arts, Faculty of Commerce and the Intermediate College in the Baroda College building be thoroughly investigated.

(ii) Fine Arts College remainnig part : The work should be taken up in separate blocks instead of one continuous building.

(iii) One more Hostel block : The necessity of building one more Hostel block for the Faculty of Technology (including Engineering) was accepted but as the University had not adequate funds the Government of India was to be approached for a grant.

(iv) Library building : The necessity of immediate construction of the Library building was accepted but as the University had not adequate funds the Government of Bombay was to be approached for a grant.

(v) Open Air Theatre : University Architects were requested to prepare plans for this to accommodate 4000 persons. If estimates go beyond Rs. 85,000 the structure was to be built by stages.

(vi) Sports Pavillion : University Architects were to be requested to prepare plans.

(vii) Gymnasium : Consideration of the item was dropped for the present.

(viii) University Office : Consideration of the item was dropped for the present.

(ix) Additional 12 Residential Quarters : Consideration of the item was dropped for the present.

The Syndicate approved all the recommendations.

8. Students' Advisory Bureau for Studies in India and Abroad.

The office of the Bureau continued to function as usual in the University Office. Necessary calenders, prospectuses, hand books etc., were collected and supplied to the students for reference in the office. No meeting of the Bureau was held during the year.

9. Standing Committee on Equivalence of Examinations.

The Committee held one meeting on 25-7-1952 and made recommendations on nine items concerning equivalence of examinations. These were all approved by the Syndicate.

10. Board of Visitors.

The Board of Visitors for the Faculty of Technology (including Engineering) was the only Board duly constituted since the beginning of the year. It met once on 30th June, 1951, visited the Faculty and submitted to the Syndicate eight recommendations which were all approved. The following are some of the important recommendations :—

(i) Purchase of equipment for the Hydraulics, Mettallurgical and Radio Laboratries, be given top priority and the Vice-Chancellor be authorised to sanction purchase of necessary equipment costing upto Rs. 5 lakhs without further reference to the Board.

(ii) The post of Junior Lecturer in Geology be filled up and two new posts of Demonstrators in Civil Engineering be sanctioned.

(iii) Steps be taken to re-organise the courses of the Technical High School attached to the Faculty with a view to its being recognised by the Director of Technical Education.

Boards of Visitors for other Faculties and Institutions were constituted in the later part of the year.

11. The Finance and Establishment Standing Committee.

The Committee held twelve meetings during the year and submitted its recommendations on the same day to the Syndicate on 272 items concerning additional establishments, increase of grants, purchase of equipment, the giving of contracts for construction works, and of annual contracts for the supply of stationery articles, chemicals, apparatus, instruments, glassware and sundry laboratory requirements of the institutions under the University.

12 Investment Committee.

The Committee held in all twelve meetings during the year and made recommendations to the Syndicate on 46 items about investments etc. of the University Funds.

13. Shree Sayaji Sahityamala Publications Committee.

The Committee held one meeting during the year and made 29 recommendations concerning publication of books in the Shree Sayaji Sahityamala and about remuneration to be paid to experts and authors and other matters connected with the publication of works. The recommendations were all approved by the Syndicate.

14. Textile Technology Advisory Committee.

The Committee met four times during the year under report and made recommendations to the Syndicate on various matters connected with the buildings, equipment and staff requirements of the Textile Technology Degree courses.

The recommendations were all approved by the Syndicate. On the recommendation of this committee, the Syndicate took the following action :—

(i) Approved the placing of orders for Textile Testing Instruments, Hot Air Drying and Sizing machine, Blow-Room machinery, Sizing machine and Boiling apparatus, Shirley

Moisture Tester and Spinning machinery needed for starting the Textile Technology Degree courses.

(ii) Extended an invitation to Professor Honneger, Director of the Swiss Federal Institute of Technology, Zurich to come to Baroda for a period of two years or in the alternative to suggest a suitable person who could be invited to come to Baroda for a period of two years to organise the department of Textile Technology.

(iii) Decided to depute Shri K. H, Patel, Senior Lecturer in Mechanical Engineering and Shri C. B. Kothari, a fresh candidate, to the Swiss Federal Institute of Technology with a view to training them for the department of Textile Technology.

15. N. C. C. Senior Division Advisiory Committee.

The Committee held one meetting during the year and considered nine items concerning the N. C. C. and submitted its recommendations thereon to the Syndicate. The following were some of the recommendations:—

(i) No academic concession be granted to N. C. C. cadets and the resolution passed by the Joint Board of Vice-Chancellors be adopted by this University also.

(ii) The Registrar should issue a circular to the students that in case they fail to attend the parades regularly, disciplinary action will be taken against them under N. C. C. regulations.

(iii) If possible a room may be made available to the N. C. C. for use as information room.

(iv) An amount of Rs. 1300 be provided in the next year's budget for grant to the N. C. C. for additional amenities and recreational facilities to officers and cadets of the N. C. C. as against Rs. 500 provided during the current year.

16. Wardens' Committee.

The Committee held three meetings during the year, and made recommendations to the Syndicate on 18 items in connectinn with the administration of hostels. The recommendations were approved by the Syndicate. Some of the noteworthy recommendations were:

(i) Allotment of seats in the six University hostels to the different Faculties.

(ii) 75% of the Pot-share fund to be utilised for repairing and replacing the furniture and utensils and not more than 25% to be utilised for providing amenities like newspapers, sports, materials, etc. to students.

(iii) Instead of the contract system of messing, the club system to be introduced.

(iv) Students staying in the hostel in the vacations to be charged a rent of Rs. 5 p. m.

CHAPTER VII—FACULTY OF ARTS

1. Building.

The Faculty continues to meet in the same building. Its library is located on the western side of the west-wing upper floor. Besides, it has also in its possession the Red Block near the Seminar, the High School Blocks and rooms for the department of Statistics. The department of Archaeology which during the previous year was located in the White Pavilion in the Sayaji Park was shifted to the High School Block building attached to the Faculty. Necessary alterations were made in the building to provide adequate arrangements for a Photographic dark room, a museum etc. of the department.

2. Courses of study.

The Faculty provides courses leading upto the Ph. D. degree in Ancient Indian Culture, Archaeology, Economics, History, Sanskrit Gujarati, Marathi and Sociology; upto the M. A. degree in Philosophy, English, Persian and Mathematics. Besides, there is provision for the teaching of the subjects of French, Pali, Urdu, Statistics, Hindi and Politics for the B. A. degree.

3. Number of students.

The following table shows the number of students enrolled in the various classes of the Faculty as at the end of the year :—

Class	Men	Women	Total
Junior B. A.	113	34	147
Senior B. A.	72	35	107
Junior M. A.	33	4	37
Senior M. A.	24	6	30
Ph D.	14	—	14
B. A. (Hons.) Psychology	3	5	8
Total	259	84	343

4. Library, Reading Room and Museum.

The Faculty has a fairly well equipped library and reading room. The number of books and periodicals in the library purchased during the year and the expenditure incurred on that account are as follows :—

1. Number of periodicals subscribed to during the year 45
2. Total amount spent on periodicals Rs. 423-8-0
3. Total number of books purchased during the year 1198
4. Total amount spent on books Rs. 7631-1-3

5. Total amount spent on binding, repairing etc. of books and periodicals Rs. 1192-2-0
6. Total number of books in the library 21858

The department of Archaeology has a museum which contains the collections of the department and which is used as an aid to the teaching of the subject. An arrangement was made during the year for exchange of antiquities with the Government museum at Madras. A set of valuable antiquities including the Roman pottery from Arikamedu (S. India) was obtained in exchange for antiquities from Mahi and Saurashtra. Some specimens of pottery from Saurashtra were presented to the London University Institute of Archaeology.

5. Tutorials.

Six tutorial exercises were set per subject to the students of Jr. and Sr. B. A. classes by each department. The work of the students was examined and evaluated. Suggestions for improvement in the quality of work and the method of writing were made. The students on the whole did well and were benefited by the tutorials. The tutorials, inculcate in the students a spirit of learning and develop a love for labour. Besides the tutorials, the departments held seminar meetings in their respective subjects where students read papers and discussions were conducted in which both teachers and students participated.

6 Research and Publications.

Research work was carried on in the departments of Gujarati, Archaeology, Economics, Sociology, Sanskrit, Marathi and Philosophy.

The following is a list of the publications by members of the staff during the year under report :—

(a) Articles and Papers :—

Name	Title of the paper and where published
1. Professor S. Chandrasekhar, Head of the department of Economics	"Japan's Population Problem"-M. S. University Journal Vol. 1, No. 1.
2. Shri G. B. Pandya	Vagher Revolt 1858-59-M. S. University Journal Vol. I, No. 1.
3. Dr. B. J. Sandesara	1. The Ramasataka—An Unpublished Hymn to Rama by Somesvara (13th Century A. D.)—Journal of the Oriental Institute, September 1951.

2. Two Important Literary References bearing on the History of Spectacles. Annals of the Bhandarkar Oriental Research Institute, Vol. XXXI.
3. A Sanskrit Inscription of Sultan Mahmud III (1536–1554 A. D.) of Gujarat. Journal of the Oriental Institute, December 1951.
4. The Uttagharaghava—An Unpublished Play by Somesvara a Friend & Protege of the Minister Vastupala (13th Century A.D.) of Gujarat. M. S. University Journal Vol. 1, No. 1
5. Verses from the Vaidyanatha Prasasti at Dabhoi quoted in the Sriktomuktavali of Jahlana, Keeper of elephants of King Krisna of Devagiri. Journal of the Oriental Institute, March 1952.

4. Dr. M N. Srinivas

1. Social Structure of a Mysore Village. Economic weekly, Diwali Number 1951
2. A Joint Family Dispute, M. S. University Journal, Vol. 1, No. 1.
3. Sociology & Anthropology, Journal of Indian Sociology, Bombay.

5. Dr. S. S. Bhave

1. How far Sankracharya is correct in holding that Jnana is a means of Moksa ? M. S. University Journal, Vol. 1, No. 1.
2. Discussion of Rgvedic Hymn (viz. Brahma–Kilina) in Mandala X. Paper read before the XVI All India Oriental Conference, Lucknow 1951.

6. Shri H. C. Malkani

The Role of Fiscal and Financial Measures in Economic Planning–Economics Conference Number, December 1951.

7. Shri D. M. Patel

Philosophy of Shrimad Rajchandra. M. S. University Journal, Vol. 1. No. 1.

8. Shri K. S. Desai

Problems of Labour Inspection. M. S. University Journal, Vol. 1, No. 1.

9. Shri A. N. Jani

Kalika Purana. All India Oriental Conference, 4–10–1951.

(b) *Books :–*

Name of the member of the staff	Title of the Book	Publisher & date of publication.
(1) Dr. B. J. Sandesara	Jagannathpuri & Orrisana puratan avsheso	Sastu Sahitya Vardhak Karyalaya, Ahmedabad, July 1951.
	Hemchandracharya–Shishyamandal	Jaina Cultural Research Society, Benaras Hindu University Decembr 1951.
(2) Dr. M. N. Srinivas	Religion & Society among the Coorgs of South India	Clarenden Press, Oxford, April 1952.
(3) Shri S. T. Kothari	India's Emerging Foreign Policies	Vora & Co., Bombay, July, 1951.

7. Other literary and cultural activities.

During the period under report some departments held discussions, meetings, debates and talks under joint auspices.

Some members of the staff delivered public lectures in the city and some had their talks broadcast from All India Radio, Baroda.

The following is a list of other literary and cultural activities by the members of the staff during the year under report :—

Name	Nature of Activities
1. Professor S. Chandrasekhar, Head of the department of Economics	1. Edited the first issue of the M. S. University Journal (230 pages) 2. Completed a research study "Hungry People and Empty Lands dealing with the world population problem." The book is in the press. 3. Read a paper on "Family Planning in relation to Social Work" before the Indian Conference of Social Work at Calcutta. 4. Read a paper "On Calculating the rate of Criminality from existing Criminal Statistics" before the Indian Science Congress at Calcutta. 5. Read a paper on "Population Data and the Planning Commission" before the Interna-

tional Statistical Conference held in New Delhi.

6. Contributed a paper on "Population and Food in India" to the symposium organised by the Government Central Food Technological Research Institute, Mysore. The proceedings were published as "Food and Population and Development of Food Industries in India."

2. Dr. B. J. Sandesara contributed articles as shown below :—

१. वृहत्कथा अने पैशाची प्राकृत	प्रजाबंधु गुजरात समाचार दीपोत्सवी अंक सं. २००७.
२. इतिहास संशोधननी सामग्री	हींदुस्तान दीपोत्सवी अंक सं. २००७
३. हंसकविकृत चंदकेवरी वात	शोधपत्रिका, उदयपुर भा. रं. अं. ३
४. कान्हडदे प्रबन्धना त्रण विशिष्ट प्रयोगो	बुद्धिप्रकाश, ओगष्ट ५१
५. अज्ञात कविरचित दंतजीह्वा संवादे १६ मु शतक	गुजराती दीपोत्सवी अंक सं. २००७
६. खेडावाळ ब्राह्मणनी त्रण अटको वाग्व्यापारनी दृष्टिए	बुद्धिप्रकाश जान्युआरी ५२.
७. भारत अने चीन प्राचीन संस्कारीक संपर्क	संस्कृति जुन १९५२
८. समयसुदरकृत वस्तुपाल तेजपाल रास सं. १६८२	गुजरात संशोधनमंडळ नाशीक जान्युआरी ५२

3. Shri D. D. Mahulkar Adhunik Vaijnanik Tattawagnana Navbharat (Tatwagnana Number.) Nov. 1951.

4. Shri D. M. Patel Shrimad Raychandra Atma Sidhi Sastra Shrimad Raichandra Ardha Satabdi Smarak Granth, 1952

5. Shri A. N. Jani Mohpat Akhand Anand February, 1952

6. Shri B. G. Desai
   1. Series of Articles on the Gita, Utthan Vol. VI No. 2 to 12 Vol. VII. No. 2
   2. Introducticn to Deductive Logic. Acharya Book Depot, Baroda, May 1952

7. Shri B. P. Kothari
   1. Sahitya Kshetrana Brahmano, Conference of Professors of Gujarati, October 1951
   2. Parikshaman Chori, Akhand Anand, March 1952
   3. Manibhai Nabhubhai Upnisad & Sufivad, Prasthan June, 1952
   4. Shreemantai ni Bhitarman, Prasthan, Oct., December, 1951

5. Professor B. K. Thakore, Journal of the Oriental Institute, Baroda, March, 1952

8. Dr. B. Subba Rao
   1. Archaeological Explorations in the Mahi Valley. M. S. University Journal, Vol. 1, No. 1.
   2. Age of Kalidas–A study based on Malavikagnimitra, The Journal of the Oriental Institute, Vol. 1, 1951–52 No. 1 and 2

8. Department of Sociology.

During the year 1951-52 members of the department were engaged in field work in the following areas :—

(1) Shri Y. V. Surendranath made a tour of the Bhil areas in Gujarat making a preliminary survey. He was accompained by Shri I. P. Shelat, a student in the department.

(2) Shri H. R. Trivedi spent three months among the Mehrs of Saurashtra making a sociological st udy of the Mehrs.

(3) Professor M. N. Srinivas spent two months in Kodagahalli studying the changes which had taken place since December 1948 when he was there as a scholar from Oxford. Shri A. M. Shah accompanied him in order to learn field-work methods.

9. Department of Archaeology.

(1) *Excavations:*-The most important part of the work of the department for the year was the large scale excavation conducted at Akota and the Medical College area of Baroda. Akota contained ruins of ancient Ankottaka mentioned in the inscriptions of the 8th century. Besides pottery with Roman influence, a large hoard of Jain bronzes was accidentally recovered by Shri U. P. Shah from a potter working on the mounds at Akota on the banks of the river Vishvamitri. Hence the excavation of this mound was started in October 1951 and it lasted upto March 1952 The excavation was carried out on autographic method and a summary of the result is given below after correlating the three main trenches at Akota and the Medical College area. The earliest settlers in Baroda area lived on the banks of the river Vishvamitri and they were using small stone implements called Microliths made of agate, chort, carnelian etc. They were followed by people who developed a township during the Kshatrapa period and remnants of buildings and pottery and coins of this period were found. One huge building 70 x 40 feet with outer walls of a width of 5 feet was exposed. After the floods, the build-

ing and the whole area was abandoned due to floods. The whole of the building was under a silt deposit about four feet thick. The higher portions of the ground away from the river and to the south of the early habitation, were inhabited upto the beginning of the Muslim period. It seems most of the buildings at Akota were robbed for bricks and there is extensive evidence of destruction in the whole area. The finding of a hoard of bronzes varying in date from the 6th to 11th century confirms it. This story is finally repeated and carried further in the Medical College area. Here we begin in the lowest levels with about the 6th or the 7th century and pass on into the Muslim period, at the beginning of which again we see destruction. In a debris pit very fine sculpture probably belonging to a temple was recovered. Here we have also recovered building belonging to Mohmud Beghra. On the top we have pottery with a coin of Khanderao Gaekwad carrying the thread upto the 19th century.

At the request of Dr. H. D. Sankalia a small excavation was carried out at Langhnaj in the Mehasana District to send a few selected bones for chemical analysis to London.

2. *Explorations* :—During the year field work was done mainly by the research students. One of them surveyed Surat District as part of his work for his Ph. D. thesis. This survey which is based on a study of old places mentioned in the inscriptions has yielded a few new sites and valuable new information from Variav and Kamrej. The other student who is working on the Mhers of Saurashtra has been transferred to the Sociology department, but he continued to get his field work grant from this department. He spent another season in Sorath District.

CHAPTER VIII—FACULTY OF SCIENCE

1. Building.

The Sayaji Jubilee Science Institute building houses all the departments of this Faculty. During the period under review extensions of the building were completed. The Botany and the Zoology departments are now occupying these extensions. The work of fitting up of the laboratories and the museums of these departments was completed during the year.

2. Courses of Study.

The Faculty provides instruction in Mathematics, Physics, Chemistry, Botany, Zoology and Statistics and prepares students for the B.Sc. degree. It also prepares students for the post-graduate degree of M Sc. either by research or by papers and also for the Ph.D. degree.

3. Number of Students.

The number of students enrolled in the different classes of the Faculty of Science in June 1952 was as under :

Classes	Men	Women	Total
F. Y. Science	372	28	400
Inter Science	327	16	343
Jr. B. Sc.	198	12	210
Sr. B. Sc.	124	19	143
M. Sc.	38	2	40
Total	1059	77	1136

4. Library, Museum and Reading Room.

Each department of the Faculty has its own library of text-books, reference books and journals. The details of number of books, journals etc. is given below :

	Botany	Chemistry	Maths.	Physics	Zoolgy
Number of books purchased during the year.	20	37	—	25	161
Total number of books in the library at the end of the year (30th June 52).	1003	1456	1450	1002	451

Periodicals subscribed	9	10	4	10	nil.
Total amount spent on books and periodicals during the year.	Rs. 625-7-10	Rs. 1608-10-9	Rs. 2757	Rs. 978-2-6	Rs. 1066-3-0

The Botany and Zoology departments have good museums containing specimens, models, charts etc. Several new specimens collected during tours were added to these museums during the year.

5. Tutorials and practicals.

20% of the total marks in theory and 25% of the total marks in the practicals in the University examinations are reserved for class work and these are assigned on the basis of the performance of the students in the tests and the day to day work.

There were six tutorials in Mathematics during the year and marks were assigned for the work done during these tutorials. In all subjects, three examinations—first mid–term test in August, the terminal examination in October and the second mid–term test in January were held and a record of marks obtained in these examinations was maintained and this was taken into account for class work.

6. Laboratories.

Besides the Botany and Zoology laboratories for undergraduates and post–graduate work which were fitted up in the extensions to the building, a new Chemistry laboratory for First Year Science and Inter-Science classes was fitted up on the first floor of the building. It has accommodation for 80 students. The old First Year Science and Inter–Science laboratory on the ground floor is converted into a laboratory for the M.Sc. students in Organic and Inorganic Chemistry who have taken up papers. The former laboratory for post–graduate work is now converted into Organic Chemistry research laboratory.

7. Research Work and Publications.

Research work is carried out in the Botany, Chemistry, Physics and Zoology departments of the Faculty. Dr. J. C. George undertook the work of identifying the pre–historic animal bones from the Archaeological explorations carried out by Dr. H. D. Sankalia. A number of papers were read by the members of the staff at the annual session of the Indian Science Congress. The following are the pasrep which were published during the year by the members of the staff :—

(1) Coumarins from Orcinol Derivatives by Sharad S. Pandit and Suresh Sethna (Journal of Indian Chemical Society 1951)

(2) Studies in Elbs Persulphate Oxidation, Part III. Further Oxidations in the Coumarins series and oxidation of 8–hydroxy –quinoline by V. J. Dalvi, R. B. Desai and Suresh Sethna (Journal of Indian Chemical Society 1951)

(3) The Elbs Persulphate oxidation by Suresh Sethna (Chemical Reviews, U. S. A., 1951).

(4) Pridel and Crafts Propionyation, Benzoylation and Succinoylation of methly–B–Resorcylate by P. L. Trivedi and Suresh Sethna (Journal of Indian Chemical Society, 1952)

(5) Statistical summary of Medical Inspection Reports 1950–51 by N. M. Bhatt (Baroda University, 1952).

(6) Weight as a Polynomial in height by Dr. N. M. Bhatt (Journal of the M. S. University 1952).

(7) Linearity of the Regression of weight on height by Dr. N. M. Bhatt and S. V. Sharma (Journal of the M. S. University of Baroda 1952).

(8) Methods of fitting Non–Liner Regressions by Shrimati Indira Bhanot (Journal of the M. S. University of Baroda 1952.)

(9) "Heat losses and their dependence on Air–velocity" by D. G. Kapapnis and D. V. Gogate (Indian Journal of Physics, 1952).

8. Co-Curricular Activities.

(i) Some members of the staff delivered lectures as shown below :—

Member of the staff	Title of the Lecture	Under the auspices of:–
Dr. C. S. Patel	Cellulose & Its Industrial Applications.	Chemical Society, Vallabh Vidyanagar Anand.
Dr. C. S. Patel	Artificial Fibres (Gujarati)	All India Radio Baroda.
Dr. C. S. Patel	Cellulose Ethers and Esters	All India Textile Conference
Dr. D. V. Gogate	Liquid Helium II	Science Association D. A. V. College, Ajmer.
Dr. D. V. Gogate	Low Temperatures	Physical Society, Vallabh Vidyanagar Anand.

Dr. V. G. Phatak	The Present Position of the General Science	Biological Society Vallabh Vidyanagar Anand.
Dr. J. C. George	Evolution in the Light of the Modern Knowledge	Rotary Club, Baroda.
Dr. Suresh Sethna	The Story of the Anti-malarials	Chemical Society, Vallabh Vidyanagar Anand.
Dr. Suresh Sethna	(1) Seeing the Invisible (Gujarati) (2) Work of Luis Pasteur (Gujarati)	Bombay Station All India Radio,
Dr. Suresh Sethna	Synthetic Drugs	Baroda Station, All India Radio.

(ii) Dr. Suresh Sethna was elected Recorder of the Chemistry section of the next session of the India Science Congress Association to be held at Lucknow in January 1953. He was also appointed a member of the sub-oommittee on "Science and its Social Relations" of the Indian Science Congress Association.

(iii) Films Shows:-Seven shows were organised during the term when 28 films of educational, scientific and cultural interest obtained from the British and United States Information Services and the British Council were screened.

(iv) Societies:- Botanical, Chemical, Physical and Zoological Societies functioned actively. A number of lectures by the members of the staff of the Faculty and outsiders were arranged. In addition a number of papers were read by the senior and post-graduate students. The Societies also arranged a number of visits to places of scientific interest.

(v) Tours: -A long tour of 25 days to Ceylon was arranged whens 8 students of the Botany department under the guidance of Dr. A. R. Chavan visited several places of botanical interest in Ceylon.

A long tour of 20 days was arranged when 24 students of the chemistry department under the guidance of Shri C. J. Shah visited several chemical and other factories and places of cultural interest in South India.

The Zoology students went on a tour to Dumas.

CHAPTER IX

(a) FACULTY OF EDUCATION AND PSYCHOLOGY

1. Building

The Faculty continued to be housed in the building near Sursagar upto the end of the academic year. In June 1952, when the ground floor of the new building for the Faculty of Home Science was ready, the Faculty was shifted to its permanent building which was being occupied by the Faculty of Home Science and the Intermediate College during 1950-52. The University Experimental High School was also shifted to the same building and was housed on the ground floor of the building.

2. Courses of study

The Faculty provides the following courses :

(1) Teaching Diploma, (2) B. T. Degree, (3) M. Ed. Degree (by papers), M. Ed. Degree (by thesis), (5) Ph. D. Degree (by thesis), (6) B. A. (Hons.) Degree in Psychology, (7) Certificate Courses in Hindi and Physical Education for the B. T. and T. D. students.

The starting of the B.A. (Hons.) course in Psychology was an important feature of work of the Faculty during the year. The course provides for an intensive study of the different branches of Psychology and for a sound training in laboratory work in Experimental Psychology. The M. Ed. course which used to be a one year course has been throughly revised and made into a two year course. The new M. Ed. course came into force in June 1952. With a view to spreading the knowledge of Hindi, a course in Hindi was introduced at the same time for the B. T. and T. D. students as also another course in the Methods of Teaching Hindi in the B. T. class.

3. Staff.

During the period under report, Shri T. K. N. Menon continued to work as Professor and Dean of the Faculty and Shri S. N. Mukerji as Reader. One post of a Junior Lecturer was converted to that of the Senior Lecturer and Dr. (Miss) Amya Sen was appointed to the post of a Senior Lecturer. Professor R. V. Parulekar, Director, Indian Institute of Education, Bombay, was appointed during the year as Visiting Professor in Educational Administration and Professor J. K. Shukla, Principal, Graduate Basic Training Centre, Dabka, continued to work as a part-time Professor for the M. Ed. class. Shri K.S. Yajnik, Lecturer, continued to be in charge of the University Library during the year.

4. Number of Students.

The University permitted during 1951–52 the increase in the strength of the B. T. class from 75 to 100 students to meet the increased demand for admissions and two temporary Junior Lecturers were appointed for a year for this purpose. An increase of 10% in the strength was permitted in June 1952 for the same reason. The M. Ed. class which used to admit 25 students for the one year M. Ed. course was permitted to admit 15 in the first year and 15 in the second year for the revised two year M. Ed. course which came into force in June 1952. The numbers of students admitted to each course at the end of June 1952 are given below:—

Class	Men	Women	Total
M. Ed. (by papers)	15+2	—	17
B. T.	75	9	84
T. D.	33	1	34
Ph. D.	4	2	6
	129	12	141

(3 men and 5 women students admitted in B.A. (Hons.) Psychology course are included in the Faculty of Arts.)

5. Library, Reading Room and Museum.

(a) The Faculty library contains about 10,300 volumes the majority of which are on different branches of educational theory and practice, and psychology. There are also a large number of books of general interest.

(b) The Reading Room subscribes for 40 journals mostly dealing and with the subjects of Education Psychology. A novel feature of the Reading room is the maintenance of newspaper cuttings to enable the students to acquaint themselves with recent developments in education. The attention of students is drawn by the members of the staff to important articles appearing in newspapers and educational journals.

1. Number of periodicals subscribed to during the year. 40
2. Total amount spent on periodicals. Rs. 500
3. Total number of books purchased. 350
4. Total amount spent on books Rs. 2000
5. Total number of books in the Faculty. 10,300

(c) The Faculty Museum contains a large collection of teaching aids which are used to illustrate class-room teaching. This collection is divided into sections and is exhibited in the Museum and in the Special Method Rooms. The collection in the museum was increased substantially during the year by the addition of more than 100 pictures, charts and maps in the methods of teaching subjects and school administration. Most of these were prepared by the students under the guidance of the Method Masters. The Project scheme of the Faculty requires every student under training to prepare a set of illustrative aids to teach a topic or a series of topics.

6. Psychological Laboratory.

The Faculty has a well equipped psychological laboratory. The estimated cost of the laboratory is Rs. 12,000. Substantial additions to the laboratory were made during the year by the purchase of about 35 pieces of apparatus worth Rs. 3898–5–0 from India and abroad.

7. Tutorials.

Tutorial work was organised on new lines with a view to promoting personal contact between teachers and students of the Faculty and also for helping the students in their study. In order to put more stress on tutorial work, the system of giving credit for work done during the term was introduced. The marks given for class records hereafter count towards the final estimate of the students' work.

8. Practising Schools.

The Faculty used the University Experimental High School for experiments and for the purpose of demonstration and criticism of lessons of its students. In addition to this, the Faculty also used the following high schools in the city of Baroda for practice teaching :—

1. Shri Sayaji High school
2. H. V. Shroff Memorial High School
3. Jayshree Model High School
4. Shri Pratap High School
5. Rosary High School
6. New Era High School
7. Maharani High School for Girls

9. Excursions.

Two excursions for the students were organised during the year. A party of students went to Bombay and attended the All India Educational Conference held in October, 1951. Another party of students visited a number of historical and educational centres in Mysore and also attended the Second All India Conference of Training Colleges.

10. Old Students' Association.

The Old Students' Association of the Faculty enrolled more members and continued its activities. Notable among the activities were the lending of books from the collection to deserving students and the starting of the Sunday Club which provides a meeting place for the old and the present students of the Faculty.

11. Educational Survey of the University Area.

During the academic year 1951–52, the section of 'Administration of Education' as one of the optional subjects for the M.Ed. degree course was opened for the first time. Shri Parulekar (Visiting Professor) and Shri Mukerji were put in charge of this new section.

Two post-graduate students—Mr. Abhyankar and Mr. Chokshi—undertook to carry out a general survey of the primary education in the city of Baroda and the adjoining villages which together form the University area. The total population of this area is about $3\frac{3}{4}$ lakhs and is spread over 163 villages and the city of Baroda. The two students set about this work carrying on a central survey of three villages as a sample and have now chalked out a full programme for further work which they hope to complete by 1953.

The survey is intended to deal with the following problems among others :

1. To ascertain the extent of facilities for Primary Education within one mile of residence of pupils in the area.
2. To ascertain whether accommodation available in the existing schools is sufficient for all children of compulsory age.
3. To ascertain whether the present staff in the school is sufficient in number and qualifications.
4. To study the working of the Compulsory Education Act, before and after the merger.
5. To study the problem of non-attending children with reference to the economical and social conditions of parents.
6. To study the problem of stagnation, detention and non-promotion.
7. To study the problem of the health of the school children.
8. To study the conditions of teachers in villages.
9. To study the problems of social education and of women's education.
10. To suggest measures for improvement of education in the area as a whole.

12. Members of the Staff and Foreign Studies.

Shri T. P. Lele and Shri L. J. Bhatt who were on study leave in the United Kingdom successfully completed their studies during the year under report. Shri Lele was awarded the B. Ed. degree with second class Honours by St. Andrews University and Shri Bhatt, the M. A. degree in Psychology by the Leeds University. Shri S. N. Mukerji was granted leave for advanced study of Educational Administration in the U. S. A.

13 Publications by the members of the Faculty.

The following were the papers and books which were prepared and published by the members of the Faculty during the year:—

Name	Publications
1. Professor T. K. N. Menon	1. Research in Education 2. Teacher Education in India (Contributed to the Tamil Encyclopedea prepared by the University of Madras)
2. Shri P. K. Chhatre	General Method and Classroom Teaching. Published in November, 1951 by East and West Book House, Baroda.
3. Shri D. G. Apte	1. Mass Education in Ancient India. Published in Journal of Education and Psychology, October, 1951. 2. Some suggestions for Educational Planning. Published in 'The Educator.' January 1952. 3. Maladies of our Secondary Education. Published in Progress of Education, April 1952.
4. Dr. M. S. Patel	Social Psychology, Progress during the War. Published in Journal of Education and Psychology, July 1951
5. Shri A. S Patel	Attitude of Adolescent Pupils towards Cinema Films. Published in Journal of Education and Psychology, January 1952
6. Dr. G. N. Kaul	A plea for evolving an Indian Philosophy of Education. Published in Journal of Education and Psychology, July 1951.

Name	Publications
7. Mrs. P. Phatak	An inquiry into the willing and unwilling teachers and the changes desired by them in the profession. Published in the proceedings of Indian Science Congress, 1952.

14. Second All India Conference of Training Colleges.

The Faculty took a leading part in the organising of the Second All India Conference of Training Colleges at Mysore in November 1951. Shrimati Hansa Mehta, Vice-Chancellor presided and a number of important problems of teacher education were discussed at the Conference. The report of the Conference is being published by the Faculty. Shrimati Hansa Mehta was again elected as the President and Professor T.K.N. Menon as the Joint Secretary of the Association of Training Colleges.

15. Meeting of the Principals of Secondary Training Colleges.

Professor T. K. N. Menon, under direction of the University convened a meeting in Bombay of the Principals of the Secondary Training Colleges of the Bombay State to discuss the reform of the examination system for teachers under training. They chalked out a programme for this reform and are taking up the matter with the Universities concerned.

16. Other Literary and Cultural Activities.

(1) Professor T. K. N. Menon presided over the Annual Conference of Bombay State Secondary Teachers held at Surat on 26th February, 1952. He also gave during the year, a number of Radio talks at the All India Radio, Baroda on popular topics in Psychology.

(2) The Faculty was invited to hold a discussion on "Examination Reforms" by the All India Radio, Baroda. The discussion was held in June 1952.

(3) The Faculty organised its usual Inter-Collegiate Essay Competition at the B. T. and M. Ed. levels. The subject of the essay was "Education in the First Five Year Plan." A number of competitors from Training Colleges in the country took part in the competition.

(4) Shri S. N. Mukerji read a paper on "Some problems of University Finances in India" at the All India Educational Conference in October 1951.

(b) UNIVERSITY EXPERIMENTAL HIGH SCHOOL

1. Brief History.

The University Experimental High School attached to this Faculty is intended to be its school for demonstration lessons and laboratory for experiments in education and psychology. It made its beginning on 5th March, 1951 when Standards I and V were started with a view to developing it into a full-fledged primary and secondary school in course of time by adding one primary and one secondary standard every year. During the year under report Standards II and VI were added. The School is, now, housed on the ground floor of the Faculty buildings.

2. Staff.

In the beginning of the year under report, Shri R. M. Dalal worked as Ag. Principal and later on Shri S. C. Parikh was appointed as Ag. Principal. He has been working since 5th November, 1951. In addition to the post of the Principal, the school has a staff consisting of 8 graduates, a physical training instructor, Art Master and a Craft Teacher. Miss Maya Mehta, who has specialised in Child Education in the U. S. A. was appointed as Honorary Organiser for the Primary Section of the school during the year under report, and she trained two teachers for the Primary Section in that period.

3. Number of Students.

The strength of the school during the year under report was as follows :—

Standard	Boys	Girls	Total
I	22	8	30
II	16	14	30
V	22	2	24
VI	19	2	21
VIII	13	1	14
IX	26	—	26
X	29	—	29
XI	40	—	40
		Total...	214

4. Results.

The school prepares students for the S. S. C. examination and he first batch of 38 students was sent to the S. S. C. examination in March 1952. 28 students came out successful at the examination. These results were the best amongst the S. S. C. Examination results of the schools in the Baroda City. Eight candidates were also sent up for the Intermediate Grade Drawing Examination out of whom six came out successful.

5. Library and Reading Room.

The school library contains 1245 books for the use of the students and 3637 reference books for teachers. The reading room subscribes for 16 periodicals for use of the students and the staff. The school also uses the library, the reading room and the museum of the Faculty.

The number of books and periodicals in the library purchased during the year and the expenditure on that account are as follows:—

1.	Periodicals subscribed for during the year	16
2.	Total amount spent on periodicals	Rs. 225- 0-0
3.	Total number of books purchased during the year	148
4.	Total amount spent on books	Rs. 325-12-3
5.	Total amount spent on binding and repairing etc. of books and periodicals	Rs. 22- 0-0
6.	Total number of books in the school	4882

6. Laboratory

The Science Laboratory was first started with the materials taken over from the Baroda High School. Substantial additions were made during the year to the laboratory by the purchase of important pieces of apparatus worth Rs. 5000/-.

7. Experiments in the School.

During the year, the Faculty carried on in the school, some investigations such as a survey of intelligence of the school children, finding the co-relation between I. Q. and physical ability, the relative merits of teaching Sanskrit through the Direct and Pathshala Methods. Some members of the Faculty staff taught in the school with a view to demonstrating the new methods. Six pamphlets in Gujarati regarding problems of young children were prepared under the guidance of Miss Maya Mehta Organiser, Primary Section. These pamphlets were very popular and were well received by the public.

4. Co-Curricular activities.

The school in co-operation with other schools of the city organised an Educational Exhibition which was visited by the pupils in large numbers. It was very popular and proved a valuable means of social education. The school has also arranged a number of other activities. The following are some of the items:—

1. Talks to pupils on popular topics.
2. Preparation of a manuscript magazine.
3. Holding of inter-class debates. The school also took part in the inter-school elocution competition and won two trophies—one for Gujarati and the other for English.
4. Excursions and picnics were arranged and the following places were visited :—
   (a) Agriculture College, Vallabh Vidya Nagar and D. N. High School, Anand. (b) Dabhoi. (c) Tin Talav. (d) Mahisagar (Vasad) and Vasheshwar. (e) Alembic Chemical Works. (f) Baroda Central Prison. (g) Central Tabulation Office. (h) Child Art Centre and (i) Pavagadh and other places.
5. 'Safai' days were arranged and the pupils took active part and showed interest and enthusiasm in cleaning up the class rooms and school premises.
6. The showing of educational films and teaching of a number of lessons in Science and Geography through films.

CHAPTER X—FACULTY OF COMMERCE

1. Building.

The Faculty is housed in the left wing of the Baroda College building. This provides accommodation for the Junior and Senior B. Com. classes and for teaching five optional subjects.

2. Courses of Study.

From the year 1952 new courses of study have been introduced at the Inter Commerce stage, the new courses will be introduced at the B. Com. stage from 1953. Most of the year 1951–52 was devoted to the preparation of new courses of study. The new feature of the courses prepared for the B.Com. degree is that it makes one paper in Accountancy compulsory for all B.Com. students. We have also included Co-operation as a subject for specialisation at the B.Com. level. The Faculty had the valuable guidance of Dr. Sarvotamrao of the Reserve Bank of India in preparing the details of the syllabus in this subject. A scheme of new courses of study for the M.Com. degree examination has already been prepared for submission to the Board of Studies and the Faculty of Commerce for their consideration.

3. Number of Students.

The following statement gives classwise the number of students in the Faculty:—

Class	Men	Women	Total
Junior B.Com.	106	—	106
Senior B.Com.	41	1	42
Junior M.Com.	16	—	16
Senior M.Com.	18	—	18
Ph.D.	3	—	3
Total	184	1	185

4. Library and Reading Room.

The library of the Faculty consists of 7792 books on various subjects related to Commerce, Economics, Politics and other allied social sciences. A part of the library mainly consisting of books relating to English, Gujarati and Marathi literature as also of books relating to subjects prescribed for the first two years' course in Commerce was handed over to the Intermediate College. Even now, books etc., required for these years are purchased by the Faculty. Last year the cost of books added to the library, amounted to Rs. 1635.

The reading room provides for some daily papers and some periodcals from the library section.

Following are the figures of expenditure on the library during the year and the total number of books at the end of the year: —

1.	Number of periodicals subscribed for during the year	46
2.	Total amount spent on periodicals	Rs. 1214–2–5
3.	Total number of books purchased during the year	216+306 (gift)= 522
4.	Total amount spent on books	Rs. 1634-9–3
5.	Total amount spent on binding, repairing etc., of books and periodicals	Rs. 151–1–4
6.	Total number of books in the Faculty	7792

5. Tutorials.

The tutorial system has been an old feature of the Faculty. At persent the students in the Faculty are given two tutorials in a term in every subject. The number of tutorials comes in this way to sixteen per term or to thirty two per session. The students thus get good practice in writing work.

6. Other Literary and Cultural Activities.

The Faculty students have a debating union of their own which holds frequent debates and arranges lectures by distinguished guests from outside. The students also visit places of commercial interest in and near Baroda. A member of the staff guides them in these activities.

Dr. H. L. Dholakia published "Elements of Commerce Part I–II" a book written in Gujarati in June 1952.

CHAPTER XI–FACULTY OF MEDICINE

(Medical College, Baroda)

1. Building and Hostels.

(a) *Building* : The construction of the College building was nearly completed during the year. Permanent alterations to the ground floor remained to be taken on hand. When completed the ground floor will be occupied by the Principal and main offices, Library, Central Stores and Records, Pharmacology–Toxicology Museums, Hygiene–Jurisprudence Museums, Excise Drugs & Public Health Laboratories, Artist's Room, Students' Common Rooms (for men as well as women students), Locker Room, and Canteen. The first floor will be occupied by the departments of Pharmacology and Pathology and Sheth Ujamshi Pitamberdas Ayurvedic Research Unit. The second floor will house the departments of Anatomy and Physiology.

The following buildings were under construction during the year under report :—

(1) Gas Plant Room
(2) Animal Section over the Post Mortem room
(3) Hygiene–Jurisprudence–Physiology Block (3 floors)
(4) Nurses' Home
(5) New Out-patient department. (The structure has been brought upto ground level).

Plans and estimates have been sent for approval, for the Principal's and two Professors' Quarters i-e. changes in the former European and Eurasian Nursing Sisters' Quarters.

(b) *Hostels* : There were 33 students in the Hostel situated quite close to the College in an old P.W.D. building. Shri H. C. Gupta, Junior Lecturer in Bacteriology, has been the Warden of the Hostel since 15th of January 1952. He stays on the premises.

21 Students were accommodated in the Maharaja Sayajirao University Hostels (18 men and 3 women students)

2. Courses of Studies.

This College conducts courses leading to the degrees of M.B., B.S.

3. Number of Students.

The following table shows the number of students in the College at the end of October, 1952 :—

	Men	Women	Total
Ist Year	33	5	38
IInd Year	32	8	40
IIIrd Year	34	1	35
IVth Year	37	3	40
Total	136	17	153

4. Library and Museum.

During the year under report, a sum of Rs. 7,690/- was spent to equip the library with new books and periodicals. The library remains open from 10-30 a. m. to 5-30 p. m.

At the end of the year under report the Anatomy and Pathology Museums contained the following number of specimens :—

Anatomy Museum :	549	(includidg 236 dry specimens)
	45	(Embryology specimens)
	10	(Comparative Anatomy specimens)
	604	Total number of specimens as on 31–3–52
Pathology Museum :	50	Dry specimens
	280	Wet specimens
	330	Total number of specimens
	30	(8 dry 22 wet specimens discarded as spoiled).
	300	Total number of specimens on 31–3–1952.

5. Laboratories.

(a) *Physiology* : The department has 3 laboratories–(1) Experimental Physiology (2) Histology (3) Chemical Physiology. These are equipped for the First M.B.,B S. course.

(b) *Anatomy* : The department has now been finally set up on the second floor. The dissection hall has got facilities for nearly a hundred students. Demonstration work in embryology including incubating, sectioning, staining etc., of embryos was carrried out.

(c) *Pharmacology* : The Pharmacology and Pharmacy practicals are arranged in a laboratory in the department of Pharmacology which is equipped for teaching thirty students at a time.

(d) *Pathology* : There are two laboratories equipped for teaching the IIIrd and IVth year students in Pathology and Bacteriology. The department is being equipped under the supervision of the Professor of Pathology appointined in April 1952

6. Tutorials and Extension Lectures.

During the year lecture-demonstrations and practical classes were held for the students in the first and second year of the First M.B., B.S. class in Anatomy including Embryology and in Physiology including Bio-chemistry and Histology. Lectures in Elementary Pathology, Pharmacology and Normal Psychology were delivered and Elementary methods of clinical examination were also taught to the second year students of the First M.B., B.S. class.

There are two Medical and Surgical Units at S. S. G. Hospital. Students were equally divided between these units. Each clinical term consists of 3 months. Each batch of students was sent to the Medical or Surgical Unit alternately from 15-6-1951 up to 31-3-1952.

Systematic lectures were delivered during the two academic terms, in Medicine (26), Surgery (36), Psychiatry (24), Dentistry (16), Pharmacology and Pathology. Practicals and Casualty duties were also done. Post Mortems were attended.

7. Co-Curricular Activities.

(1) The annual sports of the College were held on 10-1-1952.

(2) The Annual Social was held on 19-1-52 in the College and Shri L. R. Dalal, I.C.S., Collector of Baroda was the Chief Guest. The students organised a good variety entertainment.

(3) The students organised a tour to Ajwa lake on 6-2-1952.

CHAPTER XII—FACULTY OF TECHNOLOGY (INCLUDING ENGINEERING)

1. Buildings and Equipment.

(a) *Buildings* :—The construction of the new building of the Engineering College was completed during the year. It houses laborataries of (1) Testing of Materials (2) Metallurgy (3) Geology and (4) Applied Mechanics and provides accommodation for 11 class rooms, library, museum, students' common and locker rooms, surveying instruments room, 6 Professors' rooms, 2 staff rooms, Dean's room and Office.

The building for Hydraulic and Cement Testing Laboratories was also completed during the year under report. Extensions to the Machine Shop, Smithy and Heat Engines laboratory in the workshop premises were under construction and expected to be completed by October 1952.

Extensions to the existing Textile Technology and Textile Chemistry Sheds and the construction of the new Textile Technology laboratory building inclusive of Workshop Stores, were on hand and were expected to be ready by December 1952.

Arrangements for the boundary wall surrounding the premises of the Faculty were also in hand.

(b) *Equipment* :—New equipment worth Rs. 3,26,249-1-6 was received during the year under report. It was expected that orders for additional equipment worth about Rs. 3,50,000/- would be placed during 1952-53.

Orders for Rieters Blow Room Machinery amounting to Rs. 2,23,600/- and Rieters Preparatory and Spinning Machinery amounting to Rs. 2,03,000/- were placed with Messrs. Volkart Brothers, Bombay.

The cost of the new equipment received so far for the Faculty is Rs. 7,31,860-7-11.

2 Courses of Studies.

The Faculty offers the following courses of studies :—

(a) Courses leading to the Degree of B.E. (Civil, Mechanical and Electrical)

(b) Courses leading to the Diplomas in Civil, Mechanical and Electrical Engineering, Textile Chemistry, Textile Technology and Architecture.

(c) Courses leading to the Certificates of Turner and Fitter, Wireman, Carpentry, Dyeing, Weaving, Architecture and Drawing.

(d) A Technical High School Course.

Revised Degree Courses in Engineering and Diploma Courses in Civil, Mechanical and Electrical Engineering were introduced. The Architecture Diploma Course which was revised to a five year course is to be introduced in the beginning of 1952–53.

3. Number of Students.

Degree Course

Department & classes	Men	Women	Total
B. E. Senior	7	–	7
B. E. Junior	34	—	34
S. E.	67	–	67
F. E.	81	—	81

Diploma Course

Mechanical Engineering			
Ist year	60	–	60
IInd year	19	–	19
IIIrd year	19	—	19
IVth year	27	–	27
Electrical Engineering			
Ist year	64	–	64
IInd year	18	–	18
IIIrd year	29	—	29
IVth year	17	—	17
Civil Engineering			
Ist year	59	–	59
IInd year	25	—	25
IIIrd year	34	—	34
Textile Chemistry			
Ist year	20	–	20
IInd year	14	—	14
IIIrd year	10	–	10
Textile Technology			
Ist year	28	—	28
IInd year	9	1	10
IIIrd year	7	—	7
Architecture			
Ist year	44	—	44
IInd year	16	1	17
IIIrd year	24	1	25
IVth year	6	—	6

Certificate Courses

Turner, Fitter and Latheman			
Ist year	23	—	23
IInd year	15	—	15
Wireman	24	—	24
Carpentry			
Ist year	—	—	—
IInd year	—	—	—
Dyeing			
Ist year	7	—	7
IInd year	5	—	5
Weaving			
Ist year	8	—	8
IInd year	8	—	8
Architecture			
Ist year	8	—	8
IInd year	7	—	7
Technical High School			
Ist year	51	—	51
IInd year	7	—	7
IIIrd year	7	—	7
Total...	908	3	911

Summary of the total number of students for the period ending June 1952 :—

Degree	189	—	189
Diploma	549	3	552
Certificate	170	—	170
Total	908	3	911

4. **Library and Reading Room.**

(a) *Books and Journal* : The grants sanctioned for books and periodicals for this period were as under :—

Recurring grant	Rs. 5,030/-
Non-recurring (Capital) grant	Rs. 5,000/-
Special grant for books on Textile Chemistry and Weaving Technology	Rs. 2,000/-

The number of books and periodicals in the library, purchased during the year and the expenditure incurred on that account are as follows:—

1.	Number of periodicals subscribed for during the year	41
2.	Total amount spent on periodicals	Rs. 1280-12-3
3.	Total number of books purchased during the year	443
4.	Total amount spent on books	7,056-11-0
5.	Total amount spent on binding etc.	84-12-0
6.	Total number of books in the Faculty.	12987

(b) *Reading Room* : About 70 students attended the reading room daily and 8 to 10 members of the staff used the library everyday.

(c) *Reference :* Everyday about 20 students used the library for reference purposes, such as copying out examination papers, syllabuses, and for consulting books of reference.

(d) *Lending* : There were 474 students who had joined the library for borrowing books. About 60 members of the staff borrowed books for study and reference.

5. Tutorials.

Practical and Drawing Classes (in several courses) in this Faculty offered an opportunity for tutorial work. In addition there are a number of tutorial periods assigned to the several Mathematical subjects. Still, difficulties are experienced by the students and it is proposed to assign duties to Lecturers and Demonstrators to ensure their presence in the premises of the Faculty during specified periods so that attention may be given to the difficulties of individual students.

6. Publications by the members of the Staff.

During the year under report Dr. S. M. Sen, Reader in Tele-Communication published an abstract entitled "Magnetic Amplifier Analysis for alternating current control" in the University of Illinois publications.

7. Other Literary and Cultural Activities.

(a) *Exhibition of Educational Films* : This Faculty has a stock of ten films on various subjects of educational interest and also 1 strips of 35 m. m. films. Every year, additicnal films are loaned fo

use from the following organisations :—

1. British Information Services
2. United States Information Services
3. Burma Shell
4. Visual Aids Department of Bombay State
5. Films Division, Ministry of Education, Government of India, New Delhi.

Visual instruction with these films is arranged once a fortnight commencing in July and ending in March in each session.

(b) *Excursions, tours and visits:* B.E. and S.E. Degree classes and all the Final Year Diploma classes were sent out on an educational tour of visits to places of particular interest connected with their branch of study, the period in each case extending upto about two weeks.

First, Second and Third Year students in Architecture were sent out on Measured Drawing Tour.

(c) *Factory Practice:* In order to acquaint the students with factory life and conditions, outside practice for 60 to 90 days in workshops, factories, power houses and mills, is made compulsory in the Mechanical and Electrical Engineering and the Textile Technology Diploma courses. Accordingly the students concerned undertook practical training in some approved concerns.

(d) *Literary Association:* A literary association was started during the year. Five lectures of technical and general interest were delivered. Shri P. S. Char, a Consulting Engineer of Bombay, in the course of one of these lectures offered to give two prizes together amounting to Rs. 50/- for the two best essays from the students of the Degree and Diploma classes of this Faculty on the "Students' Programme for the Future."

Under the auspices of the Association, two debates were held, one of which was an Inter-Faculty debate with the Faculty of Medicine. The Deans, members of the staff and students of both the Faculties took part in this debate which was held under the presidentship of the Pro-Vice-Chancellor, Professor A. R. Wadia.

CHAPTER XIII

(a) FACULTY OF FINE ARTS

1. Building.

The Faculty continued to meet in the Pushpabag. During the year under report, two studios were constructed; (1) Painting Studio and (2) Sculpture Studio and the departments concerned were shifted to the studios from the main building.

2. Courses of Studies.

The Faculty offers the following courses:—

(i) Four year course leading to the degree of B.A. (Fine) in Painting, Sculpture and Applied Arts and Crafts. During the current year first and second year classes were conducted in the degree courses and third year classes were opened from June 1952.

(ii) Four year course leading to diploma in the above subjects.

(iii) Certificate courses in Lithography, Photography, Pottery and Wood-craft.

(iv) Evening classes for Painting, Sculpture and Graphic Arts.

In the first year of the Degree and Diploma courses there is a common preparatory course comprising subjects like Drawing, Painting, Sculpture, General knowledge (Biology), Cultural Back-ground and Chemistry of Mediums. After completion of this preparatory course students are taken up in the Degree or Diploma courses suited to their talent as envisaged during the first year.

Over and above the courses mentioned above, a two years' post-graduate course leading to the Diploma in Museology was instituted in the Faculty from June 1952.

3. Number of Students.

The number of students in the various classes of the Faculty was as under :—

	Men	Women	Total
Degree courses			
Ist year Degree	5	7	12
Painting			
IInd year	4	—	4
IIIrd year	3	1	4
Sculpture			
IInd year	1	—	1
IIIrd year	2	—	2
Applied Arts			
IInd year	1	—	1
IIIrd year	2	—	2
Diploma courses			
1st year	2	—	2
Painting			
IInd year	3	—	3
IIIrd year	3	—	3
IVth year	2	—	2
Sculpture			
IInd year	—	—	—
IIIrd year	3	—	3
Applied Arts			
IInd year	1	—	1
IIIrd year	3	—	3
Certificate courses			
Photography			
1st year	1	—	1
Non-collegiate	1	—	1
Lithography			
1st year	1	—	1
	38	8	46
Post-graduate Diploma in Museology	5	2	7
	43	10	53

4. Library, Museum and Reading Room.

The Faculty possesses a fairly well-equipped library and reading room. The number of books and periodicals added to the library during the year is as shown below :—

1. Number of periodicals subscribed to during the year	4
2. Total amount spent on periodicals	Rs. 43-4-0
3. Total number of books purchased during the year	160
4. Total amount spent on books	Rs. 3098-0-9
5. Total amount spent on binding, repairing etc., of books and periodicals	nil
6. Total number of books in the Faculty	1121

Dr. H. Goetz and Shri V. L. Devkar were specially appointed by the University to teach History of Art and Museology respectively to the IInd year Degree students of this Faculty. The students of the Faculty continued to go to the Baroda Museum for History of Art and practical courses in Painting and Sculpture.

5. Tutorials and Tests.

Records of the day-to-day progress of the students in each course were kept and students were given certain number of assignments in practical courses and mid-term tests were taken in theory subjects and reports of observations by class teachers and grades of class work, home work and tests were maintained. About 2 or 3 students were advised to take up some other courses and about 6 students left the College in the second term.

The result of the departmental tests was as follows:—

Class	Appeared	Passed in Annual Exam.	Passed in Supplementary Test
Ist year Degree	5	4	1
Ist year Diploma	5	5	—
Ist year Certificate (Lithography)	1	1	—
IInd Year Degree (Painting)	4	4	—
IInd Year Diploma (Painting)	3	3	—
IInd year Degree (Sculpture)	2	2	—
IInd year Diploma (Sculpture)	3	1	2
IInd year Degree (Applied Arts)	2	2	—
IInd year Diploma (Applied Arts)	4	1	3
IIIrd year Diploma (Painting)	2	2	—
Total	31	25	6

Taking into consideration the progress reports of the students at the annual tests, 25 students were promoted to higher classes. One student of the Preparatory Degree Class was detained due to his irregularity in attendance in Physical Training.

6. Other Literary and Cultural Activities.

(1) The following exhibitions were held during the year :-

(i) An exhibition of the students' work at the time of the inauguration of the new Painting Studio on 30th July 1951.

(ii) An exhibition of the photographs of Shri C. J. Shah on 5th September 1951.

(iii) An exhibition of the students' work on 6th October 1951.

(iv) An exhibition of the students' work on 25th December 1951.

(v) An exhibition of the students' work during the Abu Study Tour on 20th January 1952.

(2) Shri Salgaonkar gave demonstration on Land-Scapes on 28th September 1951 and Shri Amberkar gave criticism on Land-Scapes.

Shri V. P. Karmarkar, famous sculptor of Bombay, gave demonstration on 28th September, 1951.

Shri Manu Desai of Bombay gave lecture demonstration on Applied Arts on 8th March, 1952.

(3) The following films were shown to the students during the year in the premises of the College :—

(*a*) *Films on Fine Arts* (21-2-1952)

(i) Van Gogh V. A.

(ii) Rodin

(iii) Braque.

(*b*) *Films on Music* (21-2-1952)

(i) Instruments of the Orchestra

(ii) Steps of the Ballet.

(4) A puppet-show was arranged on 24th February, 1952 for the students and the staff of the Faculty in the College premises.

7. Other Important Events :

(1) The following persons visited the Faculty during the year :—

(i) The students of the Maharani Girls' High School, Baroda on 14th July 1951.

(ii) Shri K. T. Divecha and Shri G. M. Bhuta of Bombay on 18th September, 1951.

(iii) Professor John Frazer Mills on 22nd September, 1951.

(iv) The students of the Gujarat School of Art, Ahmedabad visited the College on 21st February 1952. Shri N. S. Bendre gave a talk to them on Modern Trend in the teaching of Arts.

(2) The students and the teaching staff of the College went on study-tour to Mount Abu on 16th December 1951. During their 8 days' stay, 2000 sketches were done by the students.

(b) COLLEGE OF INDIAN MUSIC

1. General.

The College of Indian Music, conducting Degree classes in Music, Dance and Dramatics, entered its third year with the opening of the session on 16-6-1952.

2. Buildings.

The Degree classes of the Music College were conducted in the Resident Professor's Bungalow and the Diploma Classes were conducted in the Govindrao Central School Building, near Khanderao Market during the academic session 1951-52. Towards the close of the financial year and the beginning of the academic year 1952-53, a new page in the annals of the College was opened when both the Degree and Diploma classes were shifted to the old S. T. T. College building near Sursagar, just in the heart of the city. The Building is well-suited for the College and will provide full scope for its development.

3. Courses of Study.

The College offers the following courses :—

(i) A four year course leading to the Degree of Bachelor of Music (B.Mus.).

(ii) A five year course leading to Diploma in Music, Vocal as well as Instrumental.

Diploma courses for Dance and Dramatics were also started from 16-6-52.

4. Number of Students.

(a) The number of students in the Degree classes on 16-6-52 was as follows :—

Year	Men	Women	Total
Preparatory	6	8	14
Second	3	1	4
Third	1	5	6
Total	10	14	24

In addition there was one non-collegiate student.

(b) The number of students admitted to the Diploma classes on 16-6-1952 was as follows :—

Year	Men	Women	Total
1st Year	170	63	233
2nd year	55	15	70
3rd year	17	1	18
4th year	13	10	23
5th year	25	15	40
Total	280	104	384

5. Library, Museum and Reading Room.

At present there are 250 books in the library and arrangements are being made to increase the number of books. Besides the books, the College has a stock of gramophone records of famous musicians. About 25 records were purchased during the year. The number of books and periodicals purchased during the year was as follows :-

(1)	Number of periodicals subscribed to during the year	14
(2)	Total amount spent on periodicals	Rs. 330-0-0
(3)	Total number of books purchased during the year	21
(4)	Total amount spent on books	Rs. 250-0-0
(5)	Total number of books in the library.	250

During the year more instruments of quality make were purchased from Bombay. They include Metronomes, Electric Guitar, Dilruba, Sahanai, Violins, Sitars, Dilrubas and Tanpuras.

6. Tutorials.

The system of tutorials has been introduced and the students were given regular work. Progress report for each student has been maintained.

7. Other Literary and Cultural activities.

The students of the Music College went on an educational tour to Bombay during the period of the International Exhibition. They also visited several studios, Prince of Wales Museum, Bharatiya Vidyabhavan, etc.

8. Lectures and Demonstrations.

The following demonstrations by well-known musicians were arranged :—

1.	Shri Vilayatkhan	Sitar
2.	Shri Latafatkhan	Vocal
3.	Shri Yeshwantrai Purohit	Vocal

In addition to the above, Miss Mirabai Badkar gave fortnightly demonstrations of vocal music.

9. Other important events.

(i) A light entertainment programme was given by the students to the members of the First Home Economics Conference on 5th August 1951.

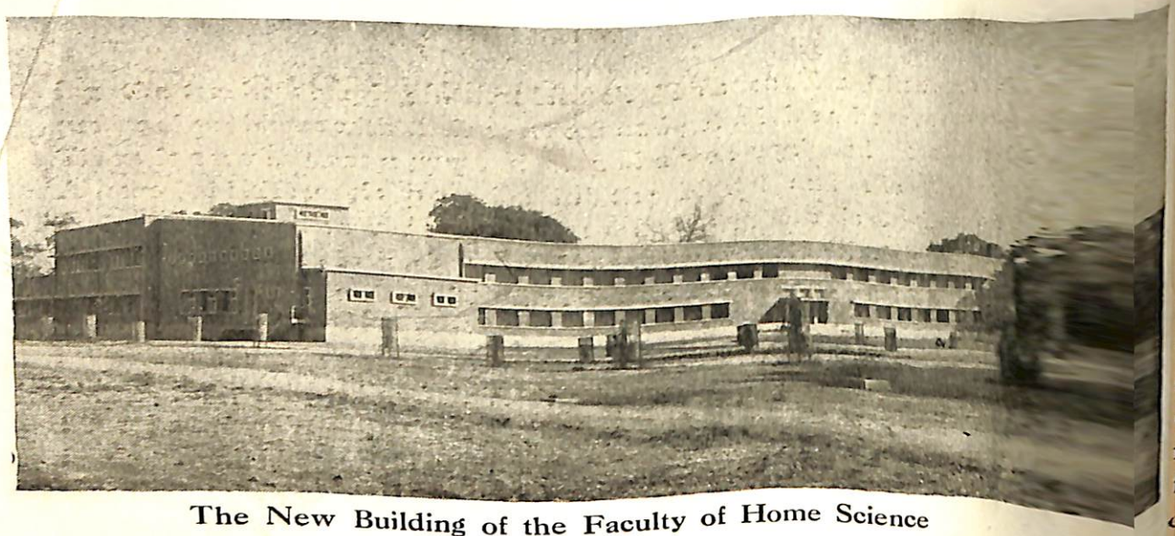
(ii) A progamme of Bhajans was given by the students on Gandhi Jayanti Day in the Baroda College Central Hall, under the auspices of the University Union.

(iii) Pandit Bhatkhande Jayanti was celebrated on 21st, 22nd and 23rd September 1951 and various artists were called to give programmes.

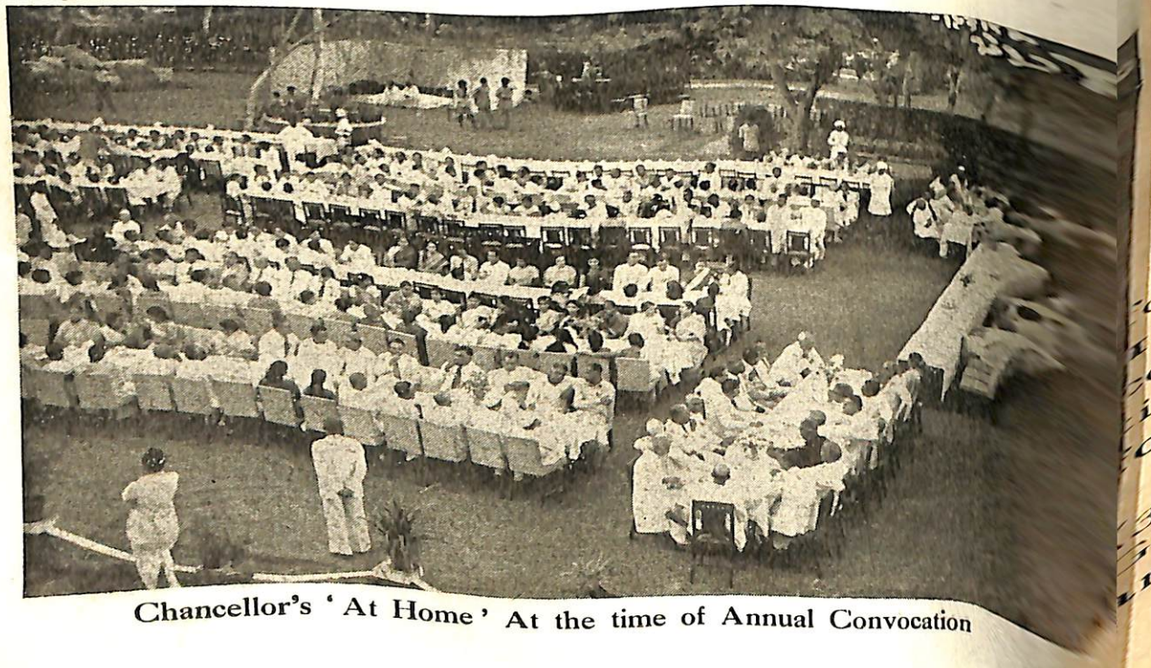
(iv) An invocation was sung by the students of the College on 6-10-1951 at the time of the First Annual Convocation of the University. An entertainment programme was given on the same day. It was attended by His Highness the Chancellor and the Chief Guest Shri B. G. Kher, the Chief Minister of Bombay.

(v) A programme of Music and Dance was given to the guests of the All India Women's Conference in the Nyaya Mandir Central Hall.

(vi) Professor John Frazer Mills, Lecturer in Art History, Wayne University, U. S. A. visited the college on 21-9-1951.



The New Building of the Faculty of Home Science



Chancellor's 'At Home' At the time of Annual Convocation

CHAPTER XIV FACULTY OF HOME SCIENCE

1. General.

The Faculty provides a comprehensive course in four subjects (1) Foods and Nutrition; (2) Child Development; (3) Home Management; and (4) Home Economics Education

The object of the education in Home Science is calculated to benefit the trainees in three ways (1) Those who wish to live a married life will be able to make practical use of the training; (2) those who wish to have independent careers will have sufficient training to do so; and (3) Education for Home Making will help them in making good citizens. It is really a pleasure to state here that there is a good response from all quarters of the country and today we have students from Punjab to Trivandrum and Bombay to Calcutta. The Faculty could also enrol students who have done their B. Sc., B. A., Intermediate and First Year Courses in other institutions. This shows the inclination of the public and the need for these courses.

2. Attached Institutions.

The Faculty manages two other institutions.

(1) The Chetan Balwadi–a Nursery School–is a practising school (practical laboratory) for the Faculty of Home Science. It had on rolls 50 children during the year under report. Children from all sections of society are admitted to the Balwadi which enables the students of the College to study different types of children. It is staffed by a Superintendent and two Assistant teachers, who look after the school work.

(2) There is a University Women's Hostel housed in an up–to–date magnificent building with all facilities for residential accommodation.

The University Women's Hostel that was located so far in the former Residency staff quarters was shifted to its new building on 12th November, 1951. The new building of the Hostel is specially constructed for Hostel purposes with all necessary residential accommodation. There are quarters for teachers also. The inmates carry on the following activities :—

(1) Debates (2) Competitions in songs, games and garbas (3) Food Competitions (4) Cleaning and Sanitation (5) Social Gathering (6) Variety entertainment (7) Library activities (8) Picnics and trips. The students residing in the Hostel get a chance of contact-

ing the teachers staying in the Hostel. This enables them to discuss personal problems with their teachers and get advice whenever necessary. There is provision for a gymnasium and a well-equipped Reading Room. A small kitchenet is provided in the Hostel and the students can make use of it whenever they wish to cook. There is a full-time Lady Superintendent to look after the Hostel. She works under the guidance of the Dean of the Faculty of Home Science.

3. Buildings.

The Faculty continued to be housed on the upper floor of the old Baroda High School and S. T. T. College building, while the Nursery School attached to the College continued to meet in the White Pavilion in the Sayaji Bag. The foundation stone of the new building of this Faculty was laid by Rajkumari Amrit Kaur, Minister for Health, Government of India on 4th August 1951. This new building is under construction; the ground floor, however, is ready for occupation. The College, therefore, has been shifted to the new building since 4th June 1952 while the Chetan Balwadi continues in the same building. The new building has a Cafetaria, an Auditorium, Laboratories, Lounges, an up-to-date Library room and a wing for the Nursery School. There is provision for housing the Home Management department for giving practical training to the students for a period of six weeks. Thus the building fully meets the requirements of the Faculty.

4. Courses of Study.

The following courses were taught during the year 1951-52:

First Year :—Introduction to Social Science; Physiology, Anatomy and Elementary Biology; Foods & Nutrition; Fine Arts, Clothing, Crafts, Personal Hygiene, Physical Education, Current Topics and Literature.

Second Year:— Home Management, Foods & Nutrition, Literature, General Psychology, Health Education, Child Care, Current Topics and Clothing.

The Faculty started functioning regularly from 16th June, 1951. The second year class was added during the year under report.

5. Staff.

During the year 1951-52 the Faculty staff consisted of two visiting professors (1) Dr. F. P. Kittrell and (2) Mrs. A. M. Holley from U. S. A. Arrangment for teaching certain subjects was made with the help of other Faculties. The Faculty was thus assisted by teachers from the Faculties of Arts, Science, Medicine, Fine Arts, Music College,

Medical Department and Public Health Department of the Government of Bombay. All these teachers cooperated with the Faculty and made possible the rapid progress which it has achieved in different directions.

6. Number of Students.

In all 69 applications were received. 34 in the First Year and 25 in the Second Year were admitted after selection. Besides there were three advanced students.

7. Results.

In all 23 students appeared at the First Year and 23 at the Second Year examination, while 21 and 22 respectively were found suitable for prosecuting higher courses and were allowed to do so. Three students were given advanced course, all of them got through and were allowed to take further advanced course.

8. Scholarships.

Miss A. A. Jaituni who had a Government of Bombay Scholarship of Rs. 20/- p. m. continued to get the scholarship during the year. The Merit Scholarships earmarked in the University budget were awarded to the students according to merit in the First and Second Year Classes.

9 Co-Curricular Activities.

The students have a Home Economics club. The President of the club is elected from amongst the students. This club carries on the activities of (1) Co-operative Store (2) Wall papers & Magazines (3) Canteen and other activities. There is a Ladies, Lounge in the college where there is arrangement for indoor games. This Faculty has introduced the principle of dignity of labour and 'Earn while you learn.' There were five posts of student attenders, 2 in the Laboratory, 2 in the Library, and 1 as a House Keeper. 5 students duly selected were appointed to the posts.

10. Grade Credit System.

It has been felt long since that the present system of examination within a limited number of hours is defective and some new method need to be adopted. The Grade Credit System has been introduced in the Faculty from its start. The advantages are (1) One can work according to one's own interest, aptitude, capacity and speed. (2) It gives opportunity for self development. (3) It offers a flexible curriculum. (4) It gives something new to learn. With a view to remedying the weak points in students and strengthening the strong points in them teacher advisors appointed for a group in a class hold periodical conferences. They also advise the students with regard to their financial problems. The Grade

Credit System was carried on during the year and after considering all its aspects and implications, it was given a final shape suitable to the Faculty.

11. Tutorials.

The college is functioning on Grade Credit System and as such periodical conferences were held by the teachers when necessary and assignments were given to the students in the class. It was observed that the students were deficient in the knowledge of English and as such three periods a week were assigned to tutorial work in English in the time-tables.

12. Library, Museum and Reading Room.

This Faculty has an up-to-date, well-equipped library containing books on all the subjects of Home Science. The books which are not easily available in the market are kept in the library. The library has a reading room and also a lending section. Two student attenders attend the library and arrangement is made to keep it open in the morning and evening outside college hours. Special library reading periods are introduced in the time-tables and the students are made to read library books during tha periods. At the end of thc year 1951-52 there were 1625 books, costing Rs. 10,200/-, in the library.

The number of books and the periodicals in the library purchased during the year and tne expenditure incurred on that account are as follows :—

1.	Number of periodicals subscribed to during the year.	40
2.	Total amount spent on periodicals.	Rs. 720
3.	Total number of books purchased during the year.	752
4.	Total amount spent on books.	Rs. 5401-0-0
5.	Total amount spent on binding, repairing etc. of books and periodicals.	Rs. 85-2-0
6.	Total number of books in the Faculty.	1625

13. Lectures & post-graduate work.

Students are found lacking in general knowledge, when they join the University. With a view to rectifying this short-coming, discussion on current topics is introduced in the time-table and the students discuss local, national and international problems. This enables them to increase their capacity for self-expression, as well as general knowledge. The

students invite teachers and some times outside educationists to talk to them during these periods.

Miss Surjeet Chopra, Senior Lecturer in Foods & Nutrition, has undertaken a study of the B. M. R. diet and the state of Health and Nutrition of College lady students of this University and she has been given a grant of Rs. 1500/- for the purpose by the Indian Council of Medical Research, New Delhi.

14. Other Important events.

(i) One of the outstanding events of the Faculty during the year under report was the holding of the First All India Home Economics Conference in Baroda, organised by this Faculty. The conference was inaugurated by Rajkumari Amrit Kaur, the Minister for Health, Government of India. A good number of delegates from Ceylon, Madras, Delhi, Allahabad, Rajkot, Lucknow, Mussoorie and many other places attended the Conference. The questions about shortage of trained personnel in this field, the progress to be made in this type of education and raising the status of the training from Secondary level to the College level were discussed. The report of the proceedings of the whole conference was prepared and published by this Faculty. It was in this Conference that the First Home Economics Association was formed. The courses chalked out by the Home Science Faculty, Baroda, were discussed in the conference and were so well liked by all that it was decided to adopt similar courses in Home Science elsewhere.

(ii) An Exhibition was arranged by the Child Development department of this Faculty in the Nursery School in the White Pavilion, Sayaji Bag, Baroda, which attracted many spectators.

(iii) The students of the Faculty took part in the Dulari Smarak Garba competition and gave a good account of themselves. Miss Surendrajeet Chopra-an advance course student of this College-participated in the Lady's Handicap race organised by the ordnance club, Calcutta, and won a prize. The Faculty also cooperated in the Non-rationed Food Exhibition, arranged in the Nyaya Mandir Hall in Baroda.

(iv) A reception to the students was arranged by the members of the staff wherein all the members of the staff and students participated. The Vice-Chancellor and the Pro-Vice-Chancellor were the chief guests.

(v) The following eminent persons visited the Faculty.

Name	Designation or occupation
1. Rajkumari Amrit Kaur	Minister for Health, Government of India.
2. Dr. K. S. Krishnan	Director, National Physical Laboratories of India, Delhi.
3. Shri C. Gopalan	Nutrition Researchist, Coonoor.
4. Shri L. C. Bryce	Professor of Sociology, Christian College, Indore.

CHAPTER XV—FACULTY OF SOCIAL WORK

1. Building

The Faculty continues to work on the same permises as last year's. A small play ground has been installed on the grounds for the purpose of recreational activities of the Field Works Department.

2. Courses of Study.

The Faculty conducts a two year post-graduate course leading to the Degree of Master of Social Work.

First Term: Sociology, Social Pathology Social Economics, Child Psychology, Evolution of Social Work, Philosophy and Dynamics of Human Behaviour.

Second Term: Rural problems and Rural Work, Indian Social problems, Problems of Industrial Labour in India, Case Work, Social Group Work, Medical Information, Child Welfare and Social Statistics and Research.

Third Term: Rural Problems and Rural Work, Indian Social Problems, Problems of Industrial Labour in India and Case Work and Community Organisation.

Fourth Term: Institutional Care for Childern, Psychiatric Information for Social Workers, Criminology and Penal Administration, Law and Social Work, Field Work, and Project Report.

3. Field Work Rural Work and Camps.

(a) *Field Work:* The number of Field Work Centres are increased from 4 to 10. Several agencies in Baroda participate in the field work training of the students.

(i) Students visited the following agencies during the first term to study the local setting: —

1. Shri Chimnabai Maternity and Child Welfare Clinic
2. The Certified School
3. Shri Fatehsinh Arya Anath Ashram
4. The Alembic Chemical Works Co. Ltd.
5. Shri Jagdish Mills
6. The Atladara Rural Centre
7. Ranoli Village
8. Deaf and Dumb School.
9. Government Labour Offices.

(ii) During the succeeding three terms, field work was conducted in co-operation with the agencies listed below: —

1. The Certified School
2. Shri Chimnabai Maternity and Child Welfare Clinic
3. Tuberculosis Clinic
4. Shri Sayaji General Hospital
5. The Atladara Rural Centre
6. Camp Road Community Welfare Centre
7. Navi Dharti Community Centre
8. Pratapganj Community Centre
9. Government Labour Welfare Centre.

(b) *Rural Work:* At the beginning of the academic year, 1951, the Faculty started an experimental centre in Atladara (3 miles from Baroda) for training workers in Rural Welfare. During the year, the programme was developed in recreation, social education and health aspects of the community. In course of time, it is hoped that the programme would touch every aspect of community development.

This department forms a special feature of the Faculty's work. It is a beginning towards the ultimate aim of this institution which is to evolve specialisation in Rural Welfare work both at post-graduate and under-graduate levels.

(c) *Camps:* To cultivate the spirit of community living, the institution continued its programme of student camps. Two camps were held during the year. In addition, a study tour of the senior class was taken to Bombay to observe various social work agencies in connection with their field of specialisation.

4. Staff.

(a) The strength of the permanent staff continues to be the same as during the last year.

(b) Visiting Teachers: Dr. A. S. Raj, Superintendent, Model Prison, Lucknow, visited the Faculty in January 1952 and gave an intensive course in "Criminology and Penal Administration". At the request of the then Superintendent of the Baroda Central Prison, some members of the prison staff were allowed to attend the course conducted by Dr. Raj.

In the month of February 1952, Mr. Rajasoekharan, Principal, Gram Seva Sangh, Maganwadi, Wardha, gave a series of six lectures on "Nai Talim", the role of handcrafts in rural education. His visit was in connection with the Rural Work Department of the Faculty.

(c) Co-ordination of work with other Faculties: Two students from the Medical College helped with the preventive aspects of health and hygiene in the social education programme at Atladara.

The Faculty offered facilities to 3 women students of the Faculty of Home Science to attend classes in Social Group Work.

5. Number of Students.

Class	Men	Women	Total
Senior M. S. W.	9	3	12
Junior M. S. W.	18	2	20
Total	27	5	32

6. Library.

The Faculty now has 1492 volumes and 47 journals and periodicals in the library. The following books and periodicals were added during the year : —

1. Number of periolicals subscribed to during the year	33
2. Total amount spent on periodicals	Rs. 666- 8-0
3. Total number of books purchased during the year	641
4. Total amount spent on books	Rs. 3,294-14-9
5. Total amount spent on binding, repairing etc. of books and periodicals	Rs. 48-12-0
6. Total number of books in the Faculty	1492

7. Research Work.

Every student in the Faculty is required to undertake a Research Project towards partial fulfilment of the requirements for the M. S. W. Degree. The classification of the senior class is given in Chapter XXIII.

The students of the junior class have taken the topics for research under the respective Research Guides as given in Chapter XXIII.

The Faculty has found it necessary to study the working class in Baroda in order to help develop the labour welfare work. A comprehensive research, sponsored by the Faculty, is now being conducted by two of the senior students. It is hoped that the material thus collected will lay the foundation for the development of the labour welfare field in Baroda.

8. Supervision.

Intensive individual supervision forms an important part of the Faculty's programme. Chapter XXIII shows the controwise division of the student supervision.

9. Other Activities.

(i) Dr. (Miss) Parin Vakharia submitted a paper to the United Nation's Youth Welfare Seminar, Simla (November 1951) on "Education of Youth for Social Responsibility."

(ii) Miss A. K. Menon submitted a paper to the Second Annual Conference of Moral and Social Hygiene in Calcutta (December 1951) on "Commercialised Vice and the Nature of its impact on State and Society."

(iii) During the year, the following teachers of the Faculty participated in various Conferences :—

1. Miss O. Swoboda–Youth Welfare Seminar, Simla
2. Shri S. N. Ranade–Youth Welfare Seminar, Sima
3. Shri V. Gopalan–Second National Seminar on the Organisation of Community Centres, Indore.
4. Miss I. D. Malani–International Seminar, Dehra Dun.

(iv) In view of the experiment made at this Faculty in conducting seminars on supervision by the teachers, Miss O. Swoboda was invited during the October vacation to initiate a seminar programme at the Delhi School of Social Work. We are glad to note that Seminars in Supervision have now become one of the features of the programme at the Delhi School.

(v) Miss Parin Vakharia participated for two weeks at the Delhi School and conducted classes in "Place of Children in Indian Families" and "Utility of Case Work Principles in the Field of Social Work in India."

(vi) The Faculty offered opportunities for study tours to :—

1. Mrs. P. Bhatt—
   - (i) To study the Juvenile Delinquency and Adult Delinquency Work carried on at Ahmedabad.
   - (ii) To explore possibilities of their co-operation in the Field work training of our students.
2. Shri S. Dasgupta—
   - (i) To study Rural work at Wardha.
   - (ii) To study organisation of the Department of Rural Reconstruction, Visvabharati University (Shriniketan)

10. Other Important Events

(i) Messrs. Mahindra & Mahindra, Ltd., Gateway Building, Apollo Bunder, Bombay 1, donated a Willy's Jeep for the Rural Work Programme of the Faculty.

(ii) The Faculty Child Recreation Centre received donation of 1,000 vitamin pills per month for one year from Shri Manibhai Amin of Baroda, of milk powder from the Red Cross Society, Baroda, and of vitamin pills from T. B. Association of Baroda.

(iii) The Faculty took up the activities of the Child Recreation Centre at Navi Dharti in Baroda in co-operation with the Rotary Club of Baroda.

(iv) The Government of the United States of America made a gift of 105 valuable books to the Faculty library.

(v) Intimation has been received from the Rockfeller Foundation, 49 West 49th Street, New York 20, N. Y,, U.S.A. that they have donated $1000 for books and $200 for transportation of these books to the Faculty during the current year. The first instalment of the same is already on its way to India.

(vi) From the grant given by the UNICEF, it has been decided to undertake an experiment on the Faculty premises, the hypothesis being that organised recreation and minimum subsidiary diet to a controlled group of children within a specified time would lead to improvement of physical health and social development. A small playground, for this purpose is set up on the premises. A small group of approximately 30 children from the lower economic group is being selected. Every child on admission will be given a complete medical examination, including a Wasserman test. This will be periodically followed by medical check up. As per recommendations of the physician, medical help for minor ailments and vitamin pills will be given. Along with this every child will get some food after the play period. This will be prepared out of the cheapest possible seasonal food available with medical help so as to retain its maximum calorie value and a diet chart, which the parents themselvse could afford to give to their children, will be gradually evolved.

(vii) In co-ordination with the Principal of the Medical College and Superintendent of the Baroda Mental Hospital, plans are made to start a Mental Hygiene and Psychiatric Clinic. For some time, it has been felt by all concerned that there is a need for such a clinic in Baroda. With the services of Dr. A. Mookerji, Superintendent, Mental Hospital, Baroda and Miss O. Swoboda, Professor of Mental Hygiene, Faculty of Social Work, Baroda, being made available, the clinic will be opened on July 21, 1952 in Shri Sayaji General Hospital. The clinic while serving a public need, will also offer opportunities to students of social work to gain practical experience in this field.

CHAPTER XVI—INTERMEDIATE COLLEGE

1. Building.

During the academic session 1951–52 the College was housed on the ground floor of the Baroda High School building and in some adjoining halls in the Secondary Training College and former Technological Institute. In June 1952, however the College Office was shifted to the building in the Baroda College group of buildings known as the Seminar building and its classes were accommodated in the main Baroda College building.

2. Courses of Study.

The College offers courses of studies leading to the First Year and Intermediate Arts and Commerce examinations. The new courses as framed by the University were introduced in the First Year Arts and First Year Commerce, from June 1951. The new courses as framed by the University were introduced in the Inter Arts and the Inter Commerce Classes from June 1952. The First Year Arts and Inter Arts Classes were split up into two divisions. More individual attention was made possible by the smallness of the classes.

3. Number of Students.

The number of students in the different classes of the College was as follows at the end of the year :—

Class	Men	Women	Total
First Year Arts	124	50	174
Inter Arts	108	40	148
First Year Commerce	79	—	79
Inter Commerce	69	—	69
Total	380	90	470

4. Library and Reading Room.

(a) The College Library had nearly 5,000 volumes on various subjects taught in the College. The students were encouraged by the members of the staff to use the library. A list of books in English extra reading was put on the notice board of the library. New books worth about Rs. 2,000 were purchased for the Library.

(b) One of the aims of the Intermediate College is to make students library-mined. An up-to-date library is the primary need of modern education. Hence a library consisting of proper books, in sufficient number, adequately housed and efficiently administered is badly needed for the development of the institution.

(c) A Reading Room was maintained out of the Union Fees collected from the students. The College subscribed to a large number of dailies and periodicals. Nearly two hundred students daily took advantage of the Reading Room. Special arrangements are made for lady students.

The number of books and periodicals in the library purchased during the year and the expenditure incurred on that account are as follows:–

1. Number of periodicals subscribed to during the year 12
2. Total amount spent. Rs. 250/–
3. Total numer of books purchased. 325
4. Total amount spent. Rs. 1730/–
5. Total amount spent on binding ..
6. Total number of books in the library 5000

5. Tutorials.

A tutorial scheme was introduced this year, whereby every student was required to write six exercises in composition in every subject during the course of the year. These exercises were corrected, and marks were assigned by the Tutors or Lecturers. The record of marks obtained by the students was kept, and so far as first Year Arts and Commerce students were concerned, these marks were taken into consideration at the Annual Examination. The Tutors called the students in batches and pointed out to them their defects.

6. Co-curricular activities.

(i) *Social Contact Scheme:* To increase the social contact between the teacher and the taught, an attempt was made to introduce a Social Contact Scheme. The Inter Arts class was divided into small batches of 20 students and everyday a batch used to meet a teacher. During this period the students were free to discuss their class lessons or whatever they liked with their teachers. This system could not be extended to other classes for lack of rooms, and adequate staff.

(ii) *Civics Lectures:* Since Civics is one of the subjects for First Year Arts, and First Year Commerce students, it was thought proper that the lectures in the class should be supplemented by visits of students to Municipal works and by lectures of persons directly associated with the City and District Local Board administrations. Shri K. S. Desai, Lecturer in Civics, therefore, took the students of both the classes in two batches to the Drainage Main Pumping Station, the New Water Tank supply Mains and to the Municipal and District Board Offices. The Officers

very kindly explained to the students how the organisation worked. Shir Desai also arranged a series of lectures on Borough Municipality, Municipal Finance, District Board, Municipal Health Services, Village Panchayats etc.

(iii) *Debating Society* : Besides taking part in the several debates arranged by the College Debating Society, the students of this College took an active interest in the debates arranged by the University Union. On the occasion of the anniversaries of great men like Tilak, Tagore, Mahatma Gandhi, the students are encouraged to give talks on the life and work of these men and the two best speakers are awarded prizes by the College Association. The students of this College prepared themselves to take part in the Inter-Collegiate debating contest for Shri M.N. Wadia Memorinal Trophy which this College had won last year.

(iv) *Gujarati Literature Society* : Under the guidance of Shri B. P. Kothari, the Society arranged as many as nine functions, and arranged series of lectures of eminent persons like Shri Umashanker Joshi, Shri Gulabdas Broker, Shri Kishansingh Chavda and others. Besides these lectures the society arranged debates and essay competition and recitation of Gujarati songs.

(v) *Secretarial Practice Socicety* : The Society arranged lectures on topics interesting to Commerce students. Two of them, one by Shri Janardan S. Parikh, a Syndic of the Mahararaja Sayajirao University, and the other by Shri C. G. Parikh, a well-known pleader of Baroda, were especially interesting. Besides visiting several interesting Business Organisations in Baroda, the members visited the Gujarat Paper Mills at Barejadi. An Essay Competition was also held.

(vi) *Dramatic Society* : Two of our lady–students, both from First Year Arts class, took part in the presentation of scenes from Shakespeare by Shakespeare Society, on 10th February. They had difficult roles to play, but they acquitted themselves admirably.

(vii) *Music Circle* : Some students interested in Music, both instrumental and vocal, were encouraged to start a Music Circle. They arranged two concerts giving programmes of Flute solo, Violin solo, light songs and devotional songs. It was a modest performance, but it deserved encouragement.

(viii) *Poor Boys' Library*: The Intermediate College Association sets aside every year a small sum to buy books for the Poor Boys' Library. The students collected a few old books. These together with some books which they got from Rao Bahadur Govindbhai Library Fund were distributed among the poor deserving students of the College.

(ix) *Excursion Trips* : Excursion Trips were also arranged. A group of students went to Barejadi near Ahmedabad. Another group went to Jojwa water falls. A third group went to Chandod Karnali where one of the students of the (Inter Arts Class met with a fatal drowning accident.)

(x) *College Magazine* : Under the guidance of Shri V. D. Salgaonkar, the College Association brought out a College Magazine at the end of the academic year. Besides the messages from the Vice–Chancellor and Shri Morarji Desai, it contained articles contributed by the students in English, Gujarati, Marathi, Hindi on topics relating to their study and life around them. It did not contain articles distilled from books. The students were encouraged to observe life around them and write from personal experience. The students had not enough funds for the publication of the Magazine. They were asked to make good the deficit by collecting advertisements. The venture encourages the students to observe, to think and to develop the art of writing.

(xi) *Students' Association :* All these activities were conducted by the Intermediate College Students' Association, which worked under the guidance of its Vice–President Shri M. F. Lokhandwalla. The Association worked in a spirit of cooperation with the University Union, and saw to it that the students maintained cordial relations with the members of the staff.

CHAPTER XVII—BARODA SANSKRIT MAHAVIDYALAYA

1. Building and Hostel.

This institution has been occupying from the beginning the building called "The Temple of Radhavallabh" which is in the possession of the Devashthan Department and for which a rent of Rs. 70/- is paid per month up till now. It has a hostel also in a hired building accommodating twenty-five students.

2. Staff.

The staff of the institution consists of the Principal and thirteen Adhyapakas.

3. Courses of Study.

The institution offers the courses in three stages as under :—

(a) Uttam Kaksha or Special Pandit Courses of four years' duration each leading to the degree of 'Alankara' in the subjects of (i) Nyaya and Vaisheshik Darshan* (ii) Samkhya Yoga and Vedanta Darshan* (iii) Purva Mimansa Shastra* (iv) Vyakaran Shastra (v) Dharma Shastra (vi) Jyotish Shastra and (vii) Shaitya Shastra+

(b) Madhyama Kaksha or Advanced Courses of five years' duration each leading to the diploma of 'Visharada' in the branches of (i) Grammar Literature (ii) Astrology and Astronomy (iii) Ayurveda and (iv) Pali and Hinayana Religion* with English compulsory for all branches.

(c) Prathama Kaksha or Elementary Certificate Courses of three years' duration each in the branches of (i) Yajurveda Yagniki (ii) Rigveda Yagniki and (iii) Purana with Grammar and Literature compulsory for all branches.

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* There are no students in these branches at present.

+ Classes for this branch started from 15-7-52 and are held in the morning.

4. The number of students enrolled in various courses on 30th June, 1952 is shown below :—

Kaksha	Number of students in classes (all men students) I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	Total
Prathama Kaksha													
Yajurved Yagniki	15	8	6	..	..	..	..	..	..	..	..	..	29
Rigveda Yagniki	2	1	2	..	..	..	..	..	..	..	..	..	5
Purana	3	2	..	..	..	..	..	..	..	..	..	..	5
Madhyama Kaksha													
Grammar Branch	..	..	..	8	4	1	..	1	..	..	..	..	14
Astrology and Astronomy	..	..	..	4	3	..	..	1	..	..	..	..	8
Ayurveda Branch	..	..	..	..	..	3	11	6	..	..	..	..	20
Uttama Kaksha													
Grammar Branch	..	..	..	..	..	..	..	..	2	1	1		4
Astrology & Astronomy...	..	..	..	..	..	..	..	2	..	..	1		3
Dharma Shastra	..	..	..	..	..	..	..	..	2	2	..	..	4
Grand Total	20	11	8	12	7	4	11	8	4	4	1	2	92

5. Library.

(a) The institution has a small library for the use of the members of the staff only.

(b) The number of books and periodicals in the Library purchased

during the year and the expenditure incurred on that account are as follows :—

1.	Number of periodicals subscribed to during the year	3
2.	Total amount spent on periodicals	Rs. 24-9-0
3.	Total number of books purchased during the year	19
4.	Total amount spent on books	Rs. 91-5-0
5.	Total amount spent on binding, reparing etc. of books and periodicals	Nil.

6. Scholarships, Prizes and Medals.

An amount of Rs. 7,200/- is sanctioned by the University annually in the budget-estimates of the institution for giving scholarships to poor deserving students. Scholarships ranging from Rs. 10/- to 15/- p. m. were awarded to students according to rules laid down for the award. Besides, the institution has several small funds and donations from which medals, prizes and books were given to the students of the institution according to the conditions laid down for each donation.

7. Results.

(i) 86 students were registered in the Mahavidyalaya for examinations conducted by the institution in the months of March and April, 1952. 77 students appeared out of whom 53 students passed the examination.

(ii) A number of students of the institution secured additional titles and certificates by appearing at the different examinations held under the auspices of Shravan Mas Daxina Examinations, the Benares Government Sanskrit College, the Bengal Government Sanskrit Association, the Brihad Gujarat Sanskrit Association and Bhartiya Vidyabhavan Examinations.

8. Important changes during the year under review.

(i) The course of Alankara of 4 years was split up into two courses, one Shastri Course extending over the first two years and the other Acharya course extending over the last two years.

(ii) It was decided that the degree of Alankara should be substituted by the degree of Acharya with effect from June, 1952.

(iii) The same percentages of classes were maintained in Visharada, Shastri and Acharya Examination results as in those of Intermediate, B.A. and M.A. Examination results of the Maharaja Sayajirao University of Baroda respectively.

(iv) It was decided that the diplomas of Uppadhyaya and Pauranik should be awarded to the candidates passing the Final Year of the Elementary Course with effect from June, 1952.

(v) The grades and salaries of the members of the staff of the institution were revised with effect from 1-1-1952.

(vi) For want of recognition by the Board of Ayurvedic and Unani Tabibi Systems of Medicine, Bombay, it was decided that the Ayurvedic section should close gradually by stages to enable the present students to complete their courses by the end of the academic year 1954-55.

9. Study Tour.

During the year under report a batch of 4 students of the Final Year of the Astrology-Astronomy Branch of the Special Pandit Course of this institution accomopanied by Shri Jethalal R. Joshi, Jyotish -Adhyapaka, was sent to Jaipur to receive perceptual instruction in the exact location of the positions of the planets and constellations through the indigenous yantras in the Jaipur observatory as laid down in the course.

10. Other literary and cultural activities.

(i) The institution arranges debates in Sanskrit called 'Shastriyawad' and lectures in Sanskrit by different Adhyapakas on every Friday.

(ii) Shardopasak Mandal constituted of students and teachers of the institution celebrated 'Shardotasava' during the month of October, 1951.

(iii) Under the auspices of Shardopasak Mandal, the following extension lectures in Sanskrit were arranged during the year under review :-

S.No.	Subject	Date of the lecture	Lecturer
1.	Gitavimarsha.	21- 7-1951	Shri Mohanlal R. Joshi.
2.	Sankhya Vimarsha.	1- 9-1951	Shri Chhotubhai M. Bhatt.
3.	What do we desire ?	8-12-1951	Shri Vishwambhar Za.
4.	Study of Sanskrit by foreigners	3- 2-1952	Shri Arunodaya N. Joshi.
5.	Pratibha	28- 6-1952	Shri Amirchandra Shastri.

(iv) Shri Kalikaprasad C. Shukla, Uttama Kaksha Vyakaran Adhyapaka delivered lectures in Sanskrit, one at Dabhoi on 'Ways to promote the study of Sanskrit language' under the presidentship of Shri Aniruddhacharya, Nyaya Vedant Shiromani, the second, at Chandod on 'Sanskrit as a National Language' with Shri Ramratanadasji, Vaishnav Acharya as

president and the third, at Karnali on 'Spiritual Uplift through Sanskrit' with Shri Badrinath Shastri, Sahitya Shiromani, as president.

11. Other important events.

(i) The Shardopasak Mandal, a body constituted of the students and teachers of the institution, organised 'Kavi Sammelan' during the Sardotsava in the month of October, 1951, under the presidentship of Shrimati Hansa Mehta, Vice-Chancellor of the Maharaja Sayajirao University of Baroda.

(ii) At a special function arranged for the purpose on 18–2–1952, Shrimati Hansa Mehta, Vice-Chancellor of the Maharaja Sayajirao University of Baroda gave away the Diplomas and Certificates to successful students of the institution.

CHAPTER XVIII—ORIENTAL INSTITUTE

1. Building.

The Oriental Institute continued to be housed in Kothi Buildings. The Institute is allowed to be located in the building rent-free on lease.

2. Staff.

The Institute remained throughout the year under the charge of Shri G. H. Bhatt, M.A., as Director, who was made permanent on the post from 11–1–1952. The Director was assisted in his work by a staff of seven Technical Assistants.

3. Eight branches of the work of the Institute.

The work of the Institute is divided into the following eight branches :—

1. Gaekwad's Oriental Series
2. Editorial Establishment
3. Manuscripts Section
4. Printed Books Section
5. Translation Branch
6. Exchange
7. Ramayan Department
8. Journal of the Oriental Institute (Quarterly)

4. Gaekwad's Oriental Series.

The printing and publication of the Gaekwad's Oriental Series, which is enjoying international fame, is the main activity of the Institute. In this Series 118 volumes have already been published, 11 were in the press and 18 were in different stages of publication. A brief sketch of the 3 books in the stage of publication by the Institute under the authority of the Maharaja Sayajirao University of Baroda, is given below :—

(a) GOS. No. CXVI :—Dvadasaranayacakra–edited by late Muni Shri Chaturvijayaji and continued after his demise by Pandit Shri L. B. Gandhi, the Jain Pandit of the Institute.

The work, an ancient polemical treatise of Mallavad Suri (5th Century A.D.) with a commentary by Simhasuri Gani (7th Century A.D.) is most important to the students of Indian Philosophy in general and Jainism in particular. It is one of the earliest works on Nyaya or Doctrine of the Relativity of Truth with an original treatment.

(b) GOS. No. CXVII:—Madanmaharnava–edited by Pandit Embar Krishnamacharyya and Pandit M. Raghavan Nambiyar. This is an important work discussing the problem of diseases in the present birth as being the result of certain actions in the previous birth. The work is very interesting from the ethical point of view and belongs to the rich literature in Dharmasastra called Karmavipaka.

(c) GOS. No. CXX:—Paramanandakavya–edited by Dr. G. S Sardesai of Poona. The work describes in short the account of the Maratha King Sambhaji, the son of Shivaji. The histories published uptil now have depicted King Sambhaji as a very bad man. But the work under reference states quite the reverse and tries to describe the noblest qualities of the Maratha ruler. The influence of Tantrism also is very clearly shown in this volume.

(d) Another important work, "Some Aspects of the Hindu View of Life according to Dharmasastra," by Principal K. V. Rangaswamy Aiyangar was published by the Oriental Institute. The book embodies the lectures delivered by the author under the auspices of the Sayaji Rao Golden Jubilee Lectures, 1947–1948.

The sale proceeds of the books in Gaekwad's Oriental Series during the year came to Rs. 6554-4-1.

5. Editorial establishment.

The Director looked after all the Sections of the Institute and worked as the General Editor of the Journal of the Oriental Institute. He carried on correspondence with several scholars and libraries in India and abroad in connection with Ramayana MSS. He also guided five students for the Ph.D. Degree as shown in Chapter XXIII, one of whom Shri R. T. Deopurkar was awarded the Ph.D. Degree by the University of Bombay for his thesis on "The Philosophical Trend in the Santi Parvan of the Mahabharata". He edited the autobiography of Shri Chhotalal Narbheram Bhatt (about 200 pages) for Shree Sayaji Sahitya Mala, and published or prepared the following articles:—

1. Seasonal festivities (Baroda. August 1951)
2. A Critical Edition of Nikunjavilasa of Vitthala Natha, the second son of Vallabhacharya with Gujarati translation (published in a Hindi-Gujarati Quarterly Vallabhiya Sudha, Vol. 3. Nos. 2–4, Mathura, 1952).
3. Subandhu's Vasavadatta (Manasi, March 1952).
4. Vallabhachacharya and Purvamimamsa (Journal of the Oriental Institute Vol. 1, No. 4, June 1952).

5. A Critical Edition of Valmiki Ramayana (Submitted to the XVI Session of All-India Oriental Conference, Lucknow, October, 1951.)

6. The Jain Pandit.

The Jain Pandit completed the editing and printing of the Dvadasaranayacakra with introductin, indices etc. during the year under review. The book will go to the press very shortly.

He contributed about eight historical research articles of different subjects, out of which seven have been published in different Journals.

He was as usual in charge of the MSS. section and answered queries from several scholars. He supplied about 15 copies of the MSS. and gave on loan 44 MSS. He was requested to prepare the translation of the Prakrit Dyasrayamabakavya by Hemachandra.

He also held the charge of the Director from 5–5–1952 to 4–6–1952.

7. The Srauta Pandit.

The Srauta Pandit continued the work of editing the first volume of Bharat's Natya Sastra with Abhinavagupta's Commentary. He collated the text of Natya Sastra with four other MSS. He refixed the order and arrangement of the Karnas–dancing poses–illustrated in Vol. 1 as based on the images found at the Chidambaram Temple in South India.. He prepared the press copy of the Tantra Rahasya (pp. 64-84) ready for the press. About 40 palm-leaf MSS. of the Ramayan belonging to the institute were examined by him and the cards were prepared. He also prepared a list of Ramayana manuscripts from catalogues for the Ramayan Department. He gave guidance to 3 Ph.D. students in their respective subjects. (Vide Chp. XXIII) One book was reviewed by him in the Journal of the Oriental Institute. He attended the meeting of the Faculty of Fine Arts to fix the subject of Cultural Background and discussed the problem with the Dean.

8. The Catalogue Assistant.

As per instructions, the Catalogue Assistant collected from Malabar 34 Ramayan MSS. in Malayalam and Grantha character and maintained a Loan Register for them with full details. He answered queries from different persons regarding the MSS. He prepared the introduction of Madanamaharnava, edited by him and gave print order for index and corrigenda of the same. He gave notices of 2 MSS. in the Journal of the Institute and read the proofs of the Journal. He helped the Ramayan Department in preparing the concordance of the Ramayana editions.

9 The Technical Assistant.

The Technical Assistant, as his designation connotes, executed duties of a multifarious nature. He revised the press copy of Parmanand Kavya edited by Dr. G. S. Sardesai. He went through the proofs right from the beginning to the finish of the same very carefully and supplied lacunae by intelligent suggestive readings. He prepared the press copy of the Selected Contents from the various Journals of India and abroad to be printed in the Journal of the Institute. He reviewed 2 Catalogues in the Journal. He attended to proof reading work etc. and rendered very valuable help in various ways to the serveral Sections of the Oriental Institute.

10. Manuscript Sections.

The total number of MSS. in the possession of the Institute came to 14043. There was a great demand from scholars and Research Institutions viz. Bhandarkar Oriental Research Institute, Poona, Deccan College Post-Graduate Research Institute, Poona etc. About 15 copies of the MSS. were supplied to Prabhas Patan, Benaras etc., 44 MSS. were given on loan to different institutions for the use of the literary persons. Uptil now only English Cards were maintanined in the show-cases of the MSS. which made it very difficult for people not knowing English to use the card index. Considering this, Gujarati cards in Devanagari Script were prepared.

11. Printed books section.

The Superintendent of the Printed Books Section prepared a list of books to be ordered, accessioned 631 new books and prepared cards for them. He registered 103 new readers and helped many research scholars and members of the staff in finding out obscure references. The number of books circulated during the year was 1588. The number of books in the Library at the end of the year was 15714 while the total number of books discarded was 1345, thus bringing the net total of books to 14369. Many research scholars and institutions were supplied information on a variety of subjects. The Superintendent rendered help to the Ramayana Department in various ways. He gave valuable help in correcting the most difficult verses of the Paramanandakavya edited by Mr. G. S. Sardesai for the Gaekwad's Oriental Series. He prepared the press copy of the Tambula Manjari for the Journal of the Oriental Institute. He reviewed 3 books in the Journal of the Institute, contributed an article on the Ramayana Department to the Journal and edited Tambula-

Manjari. He held charge of the MSS. Section for one month. He contributed about 3 articles in Marathi to the periodical Janesvara of Poona.

12. Translation Branch.

Publication Series :

The Translation Bureau prepared and published books in the following series:

1. Shri Sayaji Sahityamala
2. Shri Sayaji Balajnanamala
3. Shri Maharani Jamnabai Smarak Granthmala
4. Shri Sayaji Gramavikasamala.

Publication Work :

In the Sahityamala (1) Khandani Katha by Dr. B. N. Mankad was published, (2) Bhartiya Samaja Sastra by Shri C. N. Doctor was reprinted, (3) Atmavrttanta of Chhotalal Narbheram Bhatt edited by Shri G. H. Bhatt, will be published shortly in this Series.

In the Balajnanamala, "Vardan" by Shri R. N. Pathak will be published shortly.

In the third series, Dr. A. S. Altekar's "Position of Women in Hindu Civilization" in Marathi was under print.

In the last Series the work "Kunjavihari" has been published and "Gamadu Jagyun Tyare" is on the eve of publication.

"Meghadhanush" by Miss Maya Mehta was also published and made a good beginning of a new series which may be aptly called Shisujnanamala as it is meant for Kindergarten Schools.

The sale proceeds of the books in Shri Sayaji Sahityamala and the Balajnanamala came to Rs. 251-4-3, those of the Gramavikasamala to Rs. 107-7-0 and of the Maharaja Sayajirao University Shisujnanamala to Rs. 15.

(c) *The Translation Assistant.*

The Translation Assistant was in charge of the work of the Translation Branch throughout the period and carried out the work of publication of books in the different series run by the Translation Branch. He also did the correction of the proofs of the Journal of the Institute. He reviewed 2 MSS. in the Journal of the Oriental Institute and contributed 2 articles in Gujarati.

13. Exchange.

The publications of the Gaekwad's Oriental Series are presented to eminent scholars on Indology in India and abroad and to Research

Institutions all over the world. The publications are also exchanged with other learned societies, institutious etc. throughout the world. The Distribution List of Exchange and Presentation of GOS. being very old was revised and brought up-to-date.

14. Ramayana Department.

The Ramayana Department began its work progressively. An Index of Cards of all the known MSS. of the Ramayana in the world from printed catalogues and from the information supplied by scholars were prepared. An attempt for securing important rare MSS. on Ramayana from different parts of India was begun and the Institute was fortunate enough to procure 34 valuable MSS. of the same from Malabar. Attempts were also made to secure MSS from Jaipur, Nepal and Travancore. The Concordance of Valmiki Ramayana with reference to Bombay, Madras, Calcutta and Lahore Editions was prepared. With a view to expediting the work of the Ramayana Department, an Assistant in the Ramayana Department was appointed. The Assistant to the Ramayana Department prepared 2000 index-cards of Valmiki Ramayana MSS. He arranged these cards in the order of their time and script, and prepared statistical arrangement lists of the same. Models of card-index, concordance and name-index for exhibition purposes were also prepared by him. The work of the concordance of Valmiki Ramayana was undertaken by him. He learnt the Sarada Script with the help of the Palaeography of India by R. S. G. H. Ojha. He critically studied the prolegomena by Dr. Sukhthanker, and the work of Dr. Katre and Profenor. Gode for the use of Ramayana Work. He helped in reading the proofs of the Journal.

15. Journal of the Orintal Institute.

There was a long-felt need for a Research Journal of the Oriental Institute. With the patronage of the University it became possible to start the Journal of the Oriental Institute in September 1951. During the year under review three numbers were published and the fourth will be out in the last week of July. The Journal was very highly appreciated by Scholars and the Institutions in India and abroad. Many Institutions, Societies etc. began to maintain exchange relations with the Journal. During the year the sale proceeds came to Rs. 343-14-9

16. Other important events

During the year the following distinguished guests paid a visit to the Institute.

1. Dr. Jivraj N. Mehta and Professor K. T. Shah on 20- 8-51
2. Dr. Mill from America on 22- 9-51
3. His Excellency Sir Archibald Nye, High Commissioner for England in India on 8-10-51
4. Professor D. D. Kosambi, Professor of Mathematics, Tata Institute of Fundamental Reseach, Bombay on 23- 1-52
5. Dr. K. S. Krishnan, the Director of National Physical Laboratory, New Delhi on 13- 2-52
6. Shri Ajit Prasad Jain, the Minister of Rehabilitation, Government of India, New Delhi on 23- 3-52
7. The Deputy Director General of All India Radio, New Delhi on 19- 5-52
8. Dr. C. Kunhan Raja, Professor of Sanskrit at Tehran University. on 23- 8-52

CHAPTER XIX–UNIVERSITY LIBRARY

1. Book Stock

The total number of books acquired at the end of the year 1951 ending 31–7–1951 was 24,551. To this stock were added 1,989 books purchased at the cost of Rs. 18,466–7–6. Besides, the University Library received as gift 254 books from the State Department of U. S. A. These were books on American History, art, culture and people. Similarly, 119 books were received as a gift from the British Council, Bombay. These were books mainly from "Science in Britain Series" and "British Life and Thought Series" published by the Council. The total number of books, therefore, on 30th June 1952 was 26,913.

2. Periodicals.

111 periodicals on various subjects are subscribed to for the year 1952 and 55 periodicals are received as gifts from various institutions and publishers. The total number of periodicals, therefore, stands at 166.

The number of books and periodicals in the library purchased during the year and the expenditure incurred on that account are as follows:—

(i)	Number of periodicals subscribed to during the year		111
(ii)	Total amount spent on periodicals	Rs.	3,336– 8–6
(iii)	Total number of books purchased during the year		1989
(iv)	Total amount spent on books	Rs.	18,466– 7–6
(v)	Total amount spent on binding, repairing etc. of books and periodicals	Rs.	496–10–0
(vi)	Total number of books in the Library		26,913

3. Lending Service.

The lending service, during the year under report, was made much more extensive and helpful. Books were often supplied to the teaching staff at their places, and special facilities during the examination time were extended to the post-graduate and research students on recommendation from the Deans or Heads of departments.

Monthly reports on the visits of readers were sent to the Deans of the Faculties who certainly encouraged their staff and students to take an increasing advantage of the University Library facilities.

Quarterly Acquistion Lists are prepared and copies are supplied to the Faculties for their immediate reference and guidance. During the year under report, 4 Acquisition Lists were issued bringing the total number of Acquisition Lists issued by the end of the year to six.

These lists have greatly helped the staff and students of the Faculties in borrowing books from the Library.

The University Library took special interest in obtaining rare and out of print books and reports for the use of post-graduate and research students of the University. Thanks are especially due to the British Council, Indian Institute of Education, Bombay, United States Information Library, Bombay, Department of Education, Government of Burma, Rangoon, Bombay Branch, Royal Asiatic Library, University Library Bombay for their ready response to our requests for loans of costly books and rare reports.

Staff and students of the Faculties were invited in rotation to visit the University Library and thereby to acquaint themselves with the library tools and books.

The nnmber of readers registered during the year is shown under the following categories :—

1.	Research Students	8
2.	Post–Graduate Students	45
3.	Under–Graduate Students	445
4.	University Teachers	62
5.	Others	26
	Total...	586

Categories of readers in the reading Room :—

1.	Research Sudents	18
2.	Post–Gradtuate Students	89
3.	Under–Graduate Students	88
4.	University Teachers	6
5.	Others	3
	Total...	204

1.	Average number of Readers visiting the Periodicals Room per day.	25
2.	Average number of books issued per day	20
3.	Total number of books issued	3,794
4.	Total number of readers enrolled	586
5.	Readers on premises...	204

4. Other imortant events.

Shri C. P. Shukla, the permanent Assistant Librarian, went to Michigan, U. S. A. for further study in Library Science and Shri K. S. Yajnik of the Faculty of Education and Psychology took over charge of the University Library as I/C. Assistant Librarian from 30th July 1951.

CHAPTER XX—THE UNIVERSITY UNION.

1. Shri H. C. Malkani, Treasurer of the Union for the year 1950-51 was appointed as the President of the Union and Mrs. Indiraben Bhanot was appointed as the Treasurer. As required by the Constitution of the Union, the election for the different office-bearers for the whole year was held, and the Executive Committee of the Union for the year under Report consisted of the following Members :—

1.	Shri H. C. Malkani	President
2.	Mrs. Indiraben Bhanot	Treasurer
3.	Dr. Thakorebhai Patel	Nominated by the University
4.	Shri Bhailalbhai Contractor	Nominated by the University
5.	Shri Bhasker L. Desai	Nominated by the University
6.	Miss Rani Chinappa	Nominated by the University
7.	Shri Jasubhai J. Patel	Vice-President
8.	Shri Bhupendra A. Patel	General Secretary
9.	Shri Mukund H. Mehta	Joint Secretary
10.	Shri Samul E. Harry	Secretry, Debating Society
11.	Shri Ashok C. Shah	Secretry, Reading Room and Library
12.	Shri Parshuram P. Amin	Secretary, Indoor Games
13.	Shri Sunder T. Khushalani	Representative, Faculty of Arts
14.	Shri Ramakant B. Patel	Representative, Faculty of Science
15.	Shri Nagendra B. Dixit	Representative, Faculty of Science
16.	Shri Asutosh H. Desai	Representative, Faculty of Commerce
17.	Shri Jadaji P. Savani	Representative, Faculty of Education & Psychology
18.	Shri Vithalbhai J. Patel	Representative, Faculty of Technology (including Enginering)
19.	Shri Mansukhlal O. Vyas	Representative, Faculty of Medicine
20.	Shri Mahendra D. Patel	Representative, Faculty of Fine Arts
21.	Miss Mrunalini I. Pathak	Representative, Faculty of Home Science
22.	Miss Induben Desai	Representative, Faculty of Social Work.
23.	Shri Punamchaud J. Halwasia	Representative, Intermediate College

2. **Meetings of The Union Committee.**

The total number of the meetings of the Executive Committee held during the year was eight. There were two meetings of the General Body held during the year.

3. **Sub-Committees and Their Activities.**

The Executive Committee formed various sub-committees. The following statement shows the work done by the respective committees during the year :—

(a) *Public Lectures & National Day Celebration Committee*

The following lectures were arranged by the Committee during the year :—

	Speakers	President
(1) Tilak Jayanti 1st August, 1951	Shri G. B. Pandya Shri V. Y. Kantak Shri G. H. Bhatt Shri H. P. Chokshi Shri L. E. Harry Shri H. P. Shah	Shrimati Hansa Mehta
(2) Tagore Anniversary Day 7th August, 1951	Principal S. M. Wadia Shri F.R. Dotiwala Shri Suresh Joshi Shri V. D. Salgaonker Shri Sodagar Shri K. K. Desai Shri V. D. Pandya	Professor A. R. Wadia
(3) Independence Day 15th August, 1951	Shri Kaka Kalelkar Unfurling the Flag by Shrimati Hansa Mehta	Shrimati Hansa Mehta
(4) Gandhian Philosophy 20th September, 1951	Shri Dhirendra Nath Majmudar, President, Akhil Bharat Charkha Sangh	Shri H. C. Malkani
(5) Gandhi Jayanti 2nd October, 1951	Bhajans by Music College	Shrimati Hansa Mehta
(6) Indo-American Relations 16th October, 1951	Dr. A. Appadorai, secretary General of Indian Council of World Affairs, Delhi	Shrimati Hansa Mehta
(7) Life in American Universities	Professor Joan Frazer Mills	Shrimati Hansa Mehta

(8) What I saw in America	Dr. J. J. Chinoy (Reader in Botany, Delhi University)	Professor A. R. Wadia
(9) Republic Day 26th January, 1952	Unfurling of the Flag by Shri G. B. Pandya.	
(10) Mahatma Gandhi Aniversary Day 30th January, 1952	Shri G. V. Mavalanker (Message of Mahatmaji)	Shrimati Hansa Mehta

(b) *Debating Society*:

An interesting debate was held under the auspices of the Union under the Presidentship of the Vice-Chancellor. The subject was :"In the Opinion of the House, the solution of the Social, Economical and Political problems of this country lies in the establishment of the Communist State." Professor V. Y. Kolhatkar moved the proposition and Shri H. C. Malkani opposed the same. Shri F. R. Dotiwala and Shri V. Y. Kantak participated in the debate. The motion, on being put to vote, was carried.

(c) *Reading Room & Library Committee*:

An effort was made to provide at the Union important periodicals that were not subscribed to by the different Faculty Unions. It was felt that the students were not taking full advantage of the facilities provided. It is also a matter of regret that some students could not resist the temptation to remove pictures from the magazines. Books on different subjects worth Rs. 683-14-3 were purchased during the year. The total number of books in the library is 356.

(d) *Games Committee*:

Games were played regularly. Tournaments were organised and prizes were distributed by Shri Vijay Hazare, India's Cricket Captain.

(e) *Canteen Committee* :

The Committee has resolved to set up a canteen on a co-operative basis in the Chameli Bag as the working of the present canteen has proved a failure. The Committee is doing its best to start the canteen on this new bsais very soon.

(f) *Variety Entertainment Committee :*

The Committee arranged a National Songs Competition to celebrate the Independence Day on 15th August, 1951. A short Hindi play, "Jeevan", was got ready for staging but on account of certain difficulties it could not be produced.

An Entertainment Programme of Shri Mukesh, the well-known play-back singer of the Indian Film world, was also arranged on 4-2-1952.

(g) *UNESCO Club* :

Two important lectures were arranged; the first by Dr. S. Chandrasekhar, on "UNESCO" was delivered on 18th September 1951 in the S. T. T. College Central Hall, and the second by our Vice-Chancellor on "UNO" on 5th October 1951 in the same hall.

We celebrated the 6th Anniversary of the UNO day on 24th October 1951. Dr. S. Chandrasekher spoke on the occasion. There was also exhibition of pictures indicating the various activities of the UNO with regard to world peace.

(h) *Social Service League*:

The League had decided to set up a students' Loan Fund and if funds permitted, to organise a lending library of college text-books in general demand.

A collection drive was organised on 15th August 1951, and Rs. 310-14-6 were collected. The Loan Fund Scheme is to be brought into operation from next year. The Union Reading Room made a gift of some of the back numbers of periodicals to the Padmavati T. B. Sanatorium, to help in the recreational programme of the patients.

(i) *Magazine :*

The old University Union Bulletin underwent a change this year and emerged as the University Union Magazine. It contained articles in English, Gujarati and Hindi. There were articles by two well-known Gujarati men of letters–Shri Ramnarayan Pathak and Gulabdas Broker. The former wrote on दोहा and its structural relations with other छन्द and the latter on the Short Story in Gujarati. Extracts from the First Convocation Speech delivered by Shri B. G. Kher, Chief Minister of Bombay State, were published along with a message to the students from Rajkumari Amrit Kaur, Minister for Health, Government of India.

4. New Activities.

In addition to the above activities the following new activities were started :—

(a) *Co-operative Store* : —

Several articles of daily use are provided to the students by the store. It was opened on 20th August 1951 in a room at the back of the Baroda College.

(b) *Film Club* :

A Film Club was started and a number of films of educational and cultural interest were shown to the staff and students. So far the following films were shown :—

15- 9-1951 Films :—The Great Game, Fight for Fuller life, The British, Are they Artistic ?

22- 9-1951 Films :—Each for All, Moving Millions, East African College.

13-10-1951 Films :—U. C. L. A., Central Park (American), Savois, Eleven I Enfant, Savior Prteger, I, Enfant, Balzac (French).

16-12-1951 Films :—Britain's New Resources, British Industries Fair, 1950. Britain's New Aircraft.

5- 1-1952 Films :—Scotland Yard, Planned Town, Meet the Show.

28- 1-1952 Films :—How Britain Votes, Achitema, Men of the World, Atlantic Whale Hunt.

9- 2-1952 Films :—Our Constitution, Freedom Marches on, Democracy in action.

25- 2-1952 Films :—Vale of Kashmir.

It is hoped to present cinema shows on every Saturday.

(c) *Organisation of the Volunteer Corps* :

The members of the Executive Committee had formed themselve into a Volunteer Corps and they remained present at every function to help maintain discipline. They helped the University authorities at the time of the First Annual Convocation and the University authorites were pleased to put on record their thanks to the President and the members of the Executive Committee.

(d) *"Grow More Food" Campaign*:

In response to the appeal made by the Food Ministrer, Shri Kanaiyalal Munshi, the University Union participated in the movement for growing more food crops. Our Vice-Chancellor appointed a committee consisting of the District Agricultural Officer, the University Engineer, Dr. V. G. Phatak, Dr. A. R. Chavan, Shri H. C. Malkani, President of the Uuiversity Union and Shri M. M. Upadhyaya, the Superindent of Physical Education. The Committee surveyed all the fallow plots in the compounds of the University and its bungalows. The University Union undertook to cultivate the vacant plot lying in the Union Premises (Chameli Bag) with the help of student volunteers. The plot

was first cleared and then ploughed by the Agricultural Department. Bajri was grown and luckily the crop was harvested before the drought. The grain and the Kadab (fodder) were made over to the Collector of the District

5. **Representation of the Union on University committees.**

Shri P. P. Amin, Shri M. H. Mehta represented the Union on the University Boards of Sports, while Shri, Bhupendra A. Patel, Shri A. C. Shah, Shri S. T. Khushalani represented the Union on the Students' Welfare Board.

Credit Side		Debit Side	
1. Badminton bills	1,470- 0-0	1. Salary	4,676-10-6
2. Tournaments fees	212-10-0	2. Electricity Bills	643-13-3
3. Variety Entertainment	100- 0-0	3. Taxes	117-11-0
4. N. U. S.	5- 0-0	4. Water charges	10- 0-0
5. Magazine	657- 0-0	5. Games	1,228-15-9
6. Grow More Food Campaign	76-10-3	6. Badminton bills	1,471-10-0
7. Poor Boys Fund	310-14-6	7. Reading room	723- 6-0
8. Union fee	17,120- 0-0	8. Library	683-14-3
9. Puggies' rent	60- 0-0	9. Printing	214- 8-0
10. Sale of Constitution	3- 4-0	10. Stationery	144-12-9
11. University grant	2,000- 0-0	11. Postage	71- 5-0
12. Interest from the Bank	35- 7-0	12. Variety Entertainment	874- 2-0
13. Flag Day contribution	52- 8-3	13. Cinema films	403- 0-0
14. T. B. Seals	4- 8-0	14. Debating	83- 5-0
15. Central Hall rent	130- 0-0	15. N. U. S.	435- 6-9
16. Provident Fund of Shri Dave	17- 8-0	16. University functions	842- 3-0
17. Puggies' fine	5- 0-0	17. Magazine	5,276- 0-0
18. Co-operative store	1,984- 0-0	18. Social Work	30- 3-0
19. Independence Essay Prize	150- 0 0	19. Furniture	638- 5-6
		20. Miscellaneous	319- 5-6
		21. Provident Fund of Shri Dave	17- 8-0
		22. Contribution by the Union	17- 8-0
Total Income Received.	24,595- 6-0		

23.	Auditors' fee	100–0–0
24.	Grow More Food campaign	117– 7–0
25	Union fees	45– 0–0
26.	Flag Day contribution	52– 8–3
27.	Canteen Deposit Paid from last year's grant.	50– 0–0
28.	Co-operative Store	2206– 3–0
29.	Independence day Essay	100– 0–0
30.	Puggies' Fine	5– 0–0
	Total	21608–11–6

Total income Received	Rs. 24595 –6–0
Total income spent	Rs. 21608 11–6
Balance	Rs. 2986–10–6

CHAPTER XXI—VISITS, LECTURES AND DEPUTATIONS

1 Visits.

The following distinguished persons visited the University during the year :

(i) Shri B. G. Kher, Chief Minister of the Government of Bombay, was invited by the University to address the graduates at the First Annual Convocation of this University held on 6th October, 1951. He arrived in Baroda on the 6th October, 1951 and stayed for two days as the guest of His Highness, the Chancellor. During his stay, he paid a visit to the Faculty of Fine Arts, performed the opening ceremony of the European and the modern Indian sections in the Picture Gallery of the Baroda Museum and attended a musical concert given by the staff and students of the Music College. He attended the Convocation on the 6th October, 1951 as Chief Guest and delivered a very inspiring and thought-provoking address to the graduates.

(ii) Rajkumari Amrit Kaur, Minister for Health, Government of India, visited the University on the 4th and 5th August, 1952. She inaugurated the First All India Home Ecnomics Conference organised by the Faculty of Home Science.

(iii) Shri Ajit Prasad Jain, Minister for Rehabilitation Government of India, visited Baroda on his official duties. He. paid a visit to the Oriental Institute on 23–3–1952.

(iv) H. E. Sir Archibald Nye, High Commissioner of England in India visited this University on 8–10–1952. He met the Deans of the Faculties and heads of other Institutions at a tea-party arranged in his honour in the University gardens.

2 University Extension and other Lectures.

(a) The following lectures were delivered under the auspices of the University during the period from 1st July 1951 to 30th June 1952 :

Name	Date	Subject
1. Professor D. Young.	11-7-1951	Four dimensions in Teacher Education
2. Dr. C. Kunhan Raja	(i) 21-8-1951	Age of the Vedas and the beginnig of Kaliyuga.
	(ii) 22-8-1951	Vedic interpretation, its future (with special reference to eastern and western Vedic Studies)
	(iii) 23-8-1951	Non-vedic elements in Hinduism.
3. Dr. Venilal N. Mody	17-9-1951	Borough Municipality
4. Dr. R. J. Majmudar	20-9-1951	Municipal Health Services
5. Shri R. G. Aras	25-9-1951	Electricity Administration
6. Shri V. G. Bhatt	26-9-1951	Village Panchayats
7. Bal Bramchari Shri Gitanandji Maharaj	11-9-1951	Three lectures under the auspices of the Saskrit & Philosophy Association
	12-9-1951	
	14-9-1951	
8. Professor John Frazer Mills	22-9-1951	Aspects of American Culture
9. Professor W. F. Ogburn	(i) 19-11-1951	Recent Social Trends
	(ii) 20-11-1951	Social & Economical Planning
	(iii) 21-11-1951	The impact of Technology on Society
10. Dr. Morris Carstairs	19-12-1951	Psycho Social Study of Rajasthan Village
11. Dr. Kathleen Gough	(i) 15-1-1952	Social Structure of Malbar village
	(ii) 16-1-1952	Social Structure of Tamil village
	(iii) 17-1-1952	The Matrilineal Kinship of the Nayars
12. Mr. Mekim Marriot	(i) 21-1 1952	Social structure of a village in Uttar Pradesh

	(ii) 22 1-1952	Kinship structure in a village in Uttar Pra desh
13. Professor D. D Kosambi	(i) 21-1-1952	Subject of Ancient Indian Coinage & History
	(ii) 22-1-1952	1. Time Series 2. Vital Statistics
	(iii) 23-1-1952	1. Index Numbers 2. Vital Statistics
	(iv) 24-1-1952	1. Probability Distributions 2. Paretols Law
14. Dr. K. R. Ramnathan	1-2-1952 2-2-1952 6-2-1952 8-2 1952	Physics of the Earth's Atmposphere
15. Professor Charles-Madge	6-2-1952	Social Aspects of Regional Planning
16. Professor K. De. B. Codington,	13-2-1952	Some problems of Indian Archaeology
17. Miss Marjorie Sykes	21-2-1952 22-2-1952	Philosophy & Method of Basic Education

(b) Under the auspices of the Maharaja Sayajirao III Golden Jubilee Memorial Lecture Series, Shri R. V. Pathak delivered a course of three lectures in Gujarati on गुजराती पिंगल नवी दृष्टिए on 26th, 27th and 28th November, 1952.

(c) Under the auspices of Sir Sayajirao Gaekwad Honorarium Lectures Series, Dr. K. S. Krishnan, Director, National Physical Laboratory, Delhi delivered a course of three lectures in English on 'Low Temperature and Physics' on 12th, 13th and 14th February, 1952.

3. **Delegation to Conferences.**

The following members of the University staff were deputed to attend the various Conferences shown against their respective names as delegates of the University during the year under report :—

*1. Shri R. M. Dalal Ag. Principal, University Experimental High School.	South East Asia Teacher's Seminar	Delhi, organised by Unesco at New Delhi, November 1951.

* This member of the staff could not go to the conference.

2.	Shri J. J. Patel	Students of the South East Asia Teachers' Seminar, Delhi, organised by Unesco at New Delhi, November 1951.
3.	Shri J. P. Savani	Faculty of Education&Psychology.
4.	Shri G. H. Bhatt, Director, Oriental Institute	All India Oriental Conference, Lucknow, 3–10–51 to 5–10–51.
5.	Shri V. A. Gopalan, Junior Lecturer, Faculty of Social Work	Second National Seminar on the Organisation of Community Centres, Indore, 11–10–51 to 20–10–51.
6.	Dr. G. K. Karandikar, Professor of Pharmacology, Faculty of Medicine	Indian Science Congress, Calcutta, 2–1–52 to 8–1–52.
7.	Dr. S. M. Sethna, Reader in Chemistry, Faculty of Science	Indian Science Congress, Calcutta, 2–1–52 to 8–1–52.
8.	Dr. J. C. George, Reader in Zoology, Faculty of Science	Indian Science Congress Calcutta, 2–1–52 to 8–1–52.
*9.	Professor T. K. N. Menon, Dean, Faculty of Education and Psychology	Indian Science Congress, Calcutta, 2–1–52 to 8–1–52.
10.	Professor S. Chandrasekhar, Professor of Economics, Faculty of Arts	Indian Science Congress, Calcutta 2–1–52 to 8–1–52.
11.	Dr. B. Subbarao, Senior Lecturer in Archaeology, Faculty of Arts	Indian Science Congress, Calcutta 2–1–52 to 8–1–52.
12.	Dr. D. Gogate, Reader in Physics, Faculty of Science	Indian Science Congress, Calcutta 2–1–52 to 8–1–52.
13.	Dr. N. M. Bhatt, Reader in Statistics, Faculty of Arts	Indian Science Congress, Calcutta 2–1–52 to 8–1–52.
14.	Shri S. N. Mukerji, Reader, Faculty of Education & Psychology	All India Educational Conference, Bombay, 23–10–51 to 26–10–51.
15.	Professr. A. R. Wadia, Pro-Vice-Chancellor	Indian Philosophical Congress, Poona 27–12–51 to 29–12–51
16.	Shri D. M. Patel. Reader in Philosophy, Faculty of Arts	Indian Science Congress, Calcutta 2–1–52 to 8–1–52.
17	Shri A. G. Javadekar, Senior lecturer in Philosophy, Faculty of Arts	Indian Philosophical Congress, Poona. 27–12–51 to 29–12–51.

* Thismember of the staff could not go to the conference.

18.	Shri K. S. Desai, Senior Lecturer, Faculty of Arts	Indian Political Science Conference Hydrabad (Dn.), December 1951
19.	Professor C. S. Patel, Dean, Faculty of Science	Symposium on "Indian Oils and Fats and their utilisation", Poona
20.	Shri H. C. Malkani, Reader in Economics, Faculty of Arts	Indian Economics Conference, Patna 23–12–51 to 25–12–51.
21.	Professor T. K. N. Menon, Dean, Faculty of Education & Psychology	Conference of Training Colleges, Mysore, 9–11–51 to 12–11–51.
22.	Professor S. Chandrasekhar, Professor of Economics, Faculty of Arts	International Statistical Conference New Delhi, 5–12–51 to 8–12–51.
23.	Dr. Miss P. Vakharia, Dean, Faculty of Social Work	Indian Conference of Social work Calcutta, 28–12–51 to 1–1–52.
24.	Shri G. B. Pandya, Dean, Faculty of Arts	Indian History Congress, Jaipur, Decmber. 1951.
25.	Professor S. Chandrasekhar, Professor of Economics, Faculty of Arts	Indian Economics Conference, Patna, December, 1951.
26.	Dr. D. V. Gogate, Reader in Physics, Faculty of Science	Indian Academy of Science, Delhi 27–12–51 to 29–12–51.
27.	Miss A. Menon, Senior Lecturer, Faculty of Social Work	All India Conference on Family Planning, Bombay, 30–11–51 to 2–12–51.
28.	Shri R. N. Mehta, Faculty of Arts	XIV Session of the Indian History Congress, Jaipur. December 1951
29.	Professor V. Y. Kolhatkar, Dean, Faculty of Commerce	Conference of the Indian Commerce Association, Madras, 30–12–51 to 1 1–1952.
30.	Shrimati P. Phatak Senior Lecturer Faculty or Education and Psychology	Indian Science Congress, Calcutta, 2–1 52 to 8–1–52.
31.	Professor A. C. Sahgal, Faculty of Technology, (including Engineering)	Eleventh Annual General Conference of the A. P. T. I. (India) Aligarh 23–2–52 to 24–2–52.
32.	Professor D. Subbarao, Dean, Faculty of Technology (including Engineering)	Eleventh Annual General Conference of the A. P. T. I. (India) Aligarh, 23–2–52 to 24–2–52.

33.	Professor Markand C. Bhatt, Dean, Faculty of Fine Arts	All India Art Teachers Convention, New Delhi
34.	Professor M. N. Srinivas, Profesoor of Sociology, Faculty of Arts	Indian Sociological Society, Bombay 1-3-52

CHAPTER XXII—STUDENTS' WELFARE

1. University Hostels.

(a) *Hostel Welfare Committee.*

The physical, moral and mental welfare of the students must be and is a main consideration of a residential University like Baroda. As mentioned in the previous annual reports, one of the first steps taken by the Syndicate was the appointment of a Students' Welfare Committee. This Committee appointed a sub-committee called the Students' Hostel Welfare Committee. This sub-committee visits the hostels from time to time to supervise and make suggestions for improvements insanitation, living comforts, food and general health of the students.

(b) *Hostel Buildings.*

In all there were, at the end of the year, six hostels, five for men students and one for women students. A new spacious building was constructed for the Women's Hostel in the University Campus during the year under report at a cost of Rs. 5,77,000/-. The students moved into the new premises during the second term of the session. This new building provides accommodation for 80 students besides accommodation for the Superintendent of the Hostel and three lady-teachers. The Hostel provides a lounge, a reading room and a gymnasium. Out of the six Hostels, four were in the University Area in new buildings, Warden's quarters being attached to each. Of the remaining two hostels situated outside the University Campus, one was housed in a rented building and the other in an old residential bungalow. Being near the Faculty of Technology (including Engineering), both of these were used for the students of that Faculty.

(c) *Number Of Students in the Hostels.*

The following statement gives the number of students admitted in the six hostels at the end of the year under report:—

Faculty	Men Students					Women Students	Total
	Hostel No. 1.	Hostel No. 2.	Hostel No. 3	Bungalow No. 11	Salat-wada Bldg.	Women's Hostel	Total
Arts	11	5	5	—	—	17	38
Science	48	57	7	—	—	10	122
Education & Psychology	21	—	32	—	—	5	58
Commerce	6	6	2	—	—	—	14
Medicine	12	6	1	—	—	3	22
Fine Arts	5	2	—	—	—	4	11
Social Work	8	7	9	—	—	4	28
Intermediate	19	18	—	—	—	—	37
Technology	—	29	—	40	56	1	126
Home Science	—	—	—	—	—	28	28
Total	130	130	56	40	56	72	484

(d) *Administration of the Hostels.*

In the beginning of the year the Vice-Chancellor appointed a special committee to review the administration of the hostels, their financies and rules of discipline and to suggest necessary changes. On the recommendation of this Committee the Syndicate approved the appointment of a Wardens' Committee with one Warden acting as Convener of the committee. A Convener's office was set up, and the duties and administrative powers of the Convener as well as of the Wardens and a new set of rules for students were laid down.

(e) *Recreation and Medical Help.*

All hostels have been provided with reading rooms and recreation facilities. The students were encouraged to take part in games and other extra-curricular activities. Students residing in the Women's Hostel arranged a variety entertainment programme along with that of house warming during the year. The University appointed an Honorary Medical Officer to visit each hostel twice a week and give medical advice to students. He also observed the sanitation of the hostels. Arrangements were also made to supply medicines and medical treatment at a nominal charge.

2. Medical Examinations of Students.

The annual medical examination of all students of the University was conducted as usual in the Shri Sayaji General Hospital, Baroda during the period 23-7-51 to 23-8-51 by a Board consisting of the following specialists:—

1. Dr. T. V. Patel, M.D. (Convener)
2. Dr. S. D. Ambegaonkar, M.D., F.R.C.S.
3. Dr. P. M. Luhar, M.R.C.P.
4. Dr. A. B. Kothari, M.S.
5. Dr. C. P. Munshi, M.D., F.C.P.S.
6. Dr. (Mrs.) Indumati Patel, M.D.
7. Dr. V. M. Shah, M.B.B.S., D. O.
8. Dr. A. M. Gandhi, M.B.B.S., D.R.M.T.

The Board examined 2802 students in all. Results of the examinations were recorded in a special form maintained for each student and communicated to the student by a report card. The impression of the Board was that the general health of the students in the University continued to be the same as in the last year. The Board felt that students were not careful enough to take notice of the remarks made by the Medical Board regarding the diseases which could and should have been got treated and cured. The University is considering measures to be taken to follow up such cases.

3. Physical Education of Students.

(a) *Physical Training.*

The University maintains a department of Physical Education. During the year under report the staff consisted of one Superintendent of Physical Education, two full time and two part-time Instructors. Physical Training was compulsory upto the Intermediate class for all students. Only students enrolled in the N. C. C. or recommended for exemption by the Medical Board on account of some defect or weak health, or students residing beyond three miles of the physical training centre were exempted from the same. The training was imparted at two centres, one in the Baroda College compound and another in the compound of the Faculty of Technology (including Engineering) in the city.

The University invited during the last year Principal P. M. Joseph of the Kandivali Physical Training Institute to see the Physical Education Department of the University and make recommendations to improve its working. The Syndicate considered his report and

took measures to implement his recommendations about provision of play-grounds etc. The University also deputed two men graduates and one lady-graduate for a diploma course in Physical Education at the Physical Training Institute, Kandivali. After a successful completion of the course, the three graduates will be appointed as Physical Training Instructors on the staff of the Physical Education Department.

(b) *Sports.*

The University is gradually preparing well laid out play grounds for organised games like Cricket, Tennis, Foot Ball, Volly Ball, Hockey, Basket Ball, Kho-Kho and Hututu. The University Architects have been requested to prepare plans for a Sports Stadium and Gymnasium. The University was also running a boating club at the Sursagar and arrangements are being made to construct a Boat House and have boats for this club. The University Cricket and Badminton teams were sent to participate in Inter-University tournaments.

4. The National Cadet Corps.

The University National Cadet Corps-the 6th Battalion N C. C. Senior Division, Baroda-continued its usual activities during the year under the command of Capt. S. K. Rathore The battalion had 10 officers and 315 cadets. Regular parades were held thrice a week on Mondays, Wednesdays and Fridays from 6-30 a. m. to 8 a. m. from July 1951 to February 1952. The cadets were imparted training in Squad Drill, Field Craft, Map Reading, Message-Writing, Battle Drill and Arms Drill. A batch of 20 cadets was sent to the Cadre Camp held at Ahmedabad The battalion rceived the arms only during the latter part of the year and this added to the zeal and enthusiasm of the cadets. The Battalion will now be in a position to co operate with the University in celebrating public functions by arranging Guards of Honour, March past demonstrations, etc.

5. The University Week.

With a view to offering opportunities to students and teachers of the University to come in close contact with one another, the University organises group activities, like sports, debates, lectures, exhibitions and entertainment programmes in a week in December every year. The University accordingly decided to celebrate the University Week from 9th to 15th December 1951. In November, the students went on a strike, and decided not to take part in any of the programmes of the University Week. Two students of the Faculty of Social Work were not

found upto the required level of attainments and so they were advised to withdraw from the Institution as per regulations of the Faculty. As their progress was not satisfactory, it was not in their interest to remain in the Faculty. A local organisation took up the question of the continuation of these students. The students in the Faculties did not attend their classes for some days. A noteworthy feature of the strike was that the students of the Faculty of Social Work did not join the strike. Later, the two students, who were advised to go away, assured the Vice-Chancellor that they would work hard and make up their deficiency in studies. On this assurance, the Vice-Chancellor allowed them to rejoin the Faculty. Although both the students rejoined, one of them left the Faculty later. As the students were disturbed in their studies for some time on account of the above mentioned strike, the University authorities decided not to celebrate the Week.

6. Students' Representative Councils.

With a view to .providing an organisation of their own to students of the University wherein they could discuss various problems concerning themselves, the proposal to have a Students' Representative Council consisting of representatives elected by students in all Faculties and Institutions was approved by the Syndicate. For discussing the problems concerning all the students of the University as a whole, a University Students' Representative Council consisting of one elected representative of each Faculty and Institution was also constituted.

CHAPTER XXIII—RESEARCH WORK IN THE UNIVERSITY

During the year under report, post-graduate and research work was being done in the Faculties of Arts, Science, Education and Psychology, Commerce, Medicine and Social Work of the University. The research work done by the teacher himself is marked by an asterisk. The department and the name of the guide, the degree in connection with which it was undertaken, and the titles of the Research are given in the statement below :—

Department and Guide	Degree	Subject of Research
1.	2.	3.
1. FACULTY OF ARTS		
Sociology Professor M. N. Shrinivas		*Sociological study of a village in Mysore.
		*Prospects for Sociological research in Gujarat.
	Ph.D.	Social Structure of a tribe in Gujarat.
	Ph.D.	Some aspects of the Social Structure of Bhils.
	Ph.D.	The Mehrs of Saurashtra and Rajputana a study in Social Structure.
	Ph.D.	A study of the tattoo marks of the Mehrs.
	Ph.D.	Kinship dispute in a Gujarat village.
	Ph.D.	A study of the customs and ornaments of the Mehrs.
	Ph.D.	Study of Social Structure in a Bengal village.
	Ph.D.	Muthuvans of Travancore. A study in Social Structure.
	Ph.D.	Sociological study of a Tamil village.
Sanskrit Dr. S. S. Bhave		*Ramayana from a literary point of view.

Department & Guide	Degree	Subject of research
Gujarati Professor B. J. Sandesara		*A critical edition of the Shasti-shatak Prakaran of Nemichandra with 3 prose commentaries.
	Ph.D.	A critical survey of old Gujarati literature along with the study of cultural data supplied by it.
	Ph.D.	A critical study of the Jnana Gita of Narhari, along with a study of the Jnana Margi poets in old Gujarati literature.
	Ph.D.	A critical edition of Sinhasana Batrishi (1463) of Malayachandra and a comprehensive study of the story cycles of Sinhasana Batrishi in old Gujarati literature.
	Ph.D.	The dialect of Charotar linguistic study.
	Ph.D.	Influence of Sudhadvaita philosophy on old Gujarati literature with special reference to Dayaram.
Archaeology Dr. B. Subbarao		*Archaeological survey of pre-solanki Gujarat, actual work and guidance of work.
	Ph.D.	Archaeological survey of Central and Southern Gujarat.
Economics Professor S. Chandrashekhar		*Economic planning in India.
		*Co-operation in India.
		*Industrial co-operation in India.
	Ph.D.	Rural Finance in India.
	Ph.D.	Population and National income in India.
	Ph.D.	Economics of tourist travelling with special reference to India.

Department & Guide	Degree	Subject of research
	Ph.D.	Unemployment in India.
	Ph.D.	Population and food-supply in India (1900–51)
	Ph.D.	Agricultural labour in Gujarat.
	Ph.D.	Manu, Malthus and Marx.
Philosophy		
Dr. A. G. Javadekar		*Approach to reality.
Marathi		
Dr. V. P. Dandekar		*Critical survey of Marathi literature from the early beginnings upto 1950.

ORIENTAL INSTITUTE

Shri G. H. Bhatt	Ph.D.	A critical appreciation of Shri Harsa's Naisadha Charita.
	Ph.D.	Philosophy of the Bhagavata Purana
	Ph.D.	A critical appreciation of Sodhhala's Udayasundarikatha.
	Ph.D.	The culture of the Markandeya Purana.
Shri K. S. Ramaswami Shastri	Ph.D.	Sanskrit and Ancient Indian Culture
	Ph.D.	Sanskrit and Ancient Indian Dramatic literature.
	Ph.D.	Sanskrit and Ancient Indian Culture

2. FACULTY OF SCIENCE

Chemistry		
Professor C. S. Patel	M.Sc.	Electrolytic oxidation of Galactose and Hydrolysate of Lactose.
Botany		
Dr. A. R. Chavan	M.Sc. (Bom.)	Floral organogeny and structure and development of the micro and megaspares and their gametophytes in Roettlera hamosa (R. Br.) var inifolia O. Kz.

3. FACULTY OF EDUCATION & PSYCHOLOGY

Professor T. K. N. Menon	Ph.D.	An intensive study of 100 teachers under training.

Department & Guide	Degree	Subject of research
	Ph.D.	Educational Psychology. Transfer of Training.
	M.Ed.	A comparative study of Examination system of India,, the U. K. and the U. S. A.
	M.Ed.	Contribution of the Jesuits to Education in general and Indian Education in particular.
	M.Ed.	Progress of Physical Education ancient and modern.
Shri S. N. Mukerji	M.Ed.	Administration of Compulsory Education in Baroda State.
	M. Ed.	Critical inquiry into the condition of education in the first half of the 19th century in Gujarat.
	M.Ed.	Education in Burma.
	M. Ed.	Stagnation in Secondry Schools in the area of Maharaja Sayajirao University of Baroda.
Dr. M. S. Patel	M.Ed.	Instruction through activity in the Primary Schools of India America and England.
Dr. (Miss) A. Sen	M.Ed.	A Study of Goddard Form Board.
Dr. G. N. Kaul	M.Ed.	An outline of Muslim Education. (with special reference to India.)
Shrimati P. Phatak	M.Ed.	Attendance in a Secondary School in Baroda.
Shri R. V. Parulekar	M.Ed.	Educational Survey of the Baroda University Area.
Shri J. K. Shukla	M.Ed.	Correlation in Basic Education.
Shri D. G. Apte	M.Ed.	Education in Iran.
Shri N. N. Shukla	M.Ed.	Survey of Intelligence of the Children of the University Experimental High School

4. FACULTY OF COMMERCE

Department and Guide	Degree	Subject of Research
Commerce		
Professor V. Y. Kolhatkar	Ph.D.	Comparative study of post-war reconstruction in free and controlled economies.
	Ph.D.	Industrial problems in India during and after the war.

5. FACULTY OF MEDICINE

Physiology		
Dr. J. D. Pathak		*Gastric response, digestion and evacuation time of Indian Food preparations.
		*Suitability of Rana Tigrina for Galli Miammi Test for Pregnancy.
Shri M. L. Pai	Ph.D.	Plasma Proteins fractions in diseases.
Pharmacology.		
Dr. G. K. Karandikar		*Nature of circulatory Thyroid hormone and of intermediate iodine Metabolism.

6. FACULTY OF SOCIAL WORK

Dr. (Miss) Parin Vakharia	M.S.W.	A survey of two Child-caring Institutions in Baroda City.
	M.S.W.	A Socio-Economic Survey of the workers in the Aryodaya Spg. & Wvg. Mills Ltd., Ahmedabad.
	M.S.W.	A study of the Social Life of Rana community, Baroda.
Miss O. Swoboda	M.S.W.	Study of Institutional care of children in the Baroda certified school, Baroda.
		A case study of 40 T. B. patients at Shri Padmavati Devi Sanatorium, Baroda.
		The Crippled Child : His Education and Rehabilitation.

ANSA MEHTA L. BRARY

Miss I. D. Malani	M.S.W.	A sudy of the Lady sudents of the Faculties of Home Science, Fine Arts, Education, Medicine and Social work of the Maharaja Sayajirao University of Baroda in relation to their Socio-Economic background.
	M.S.W.	Rehabilitation of Ex-servicemen in the Wiynard. Agricultural Colony, Malbar.
Miss A. K. Menon	M.S.W.	Pattern of life of " Kuravas " at Pallickal in Kunnathur Talug, T. C. State.
	M.S.W.	A study of Tuberculosis Patients in Trivandrum City Travancore
Shri S. N. Ranade	M.S.W.	A Socio-Economic survey of the village Tadkachhala Taluka Baroda District.
	M.S.W.	A study of migration of 100 workers (of U. P.) of Jai Bharat Mills, Ahmedabad.
Shrimati P. Bhatt	M.S.W.	Socio-Economic survey of Tangawalas in Baroda City.
	M.S.W.	A study of Family Planning Clinics in Bombay City.
Shri V. Gopalan	M.S.W.	A Socio-Economic survey of working class families in K. D. H. P. Co. Tea Plantations, Munnar, Travancore.
	M.S.W.	A Socio-Economic survey of Rubber Tapper families in Perunad Rubber Estate T. C. state.
	M.S.W.	Life and Labour of textile workers in Kishangadh, Ajmer.
	M.S.W.	Life and Labour of workers in the Saraswati Sugar Syndicate Ltd., Jamnanagar, Punjab.
	M.S.W.	A Socio-Economic survey of Textile workers in the Baroda Mills Ltd., Baroda.

	M.S.W.	A Socio–Economic survey of workers of the Standard Pottery works, Ltd., Alwaye, Travancore.
Shri P. T. Thomas	M.S.W.	Life and conditions of Coir Spinners in the Thrikkunnapuzha Pakuthy, Travancore.
	M.S.W.	A social survey of the working class of Baroda
	M.S.W.	Landless labourers in Karthikapply Talug, Travancore a Socio–Economic survey.
	M.S.W.	An Economic survey of the working class of Baroda.
Shri S. Dasgupta	M.S.W.	Socio–Economic survey of workers of Pierce Leslie & Co., Ltd. (Coir–Factory), Aleppey, T. C. State.
	M.S.W.	A study of the life and work of the members of the clerical staff of the Baroda Municipality
	M.S.W.	A study of the organization and functions of the Textile Labour Association, Ahmedabad.
	M.S.W.	A Socio–Economic survey of the Conservancy staff of Kottayam Municipality, Travancore.
	M.S.W.	A Socio–Economic survey of workers in the Burmah Shell Oil Installation. Madras.
Shri W. Singh.	M.S.W.	An inquiry into the life & work of the permanent workers of the Pamba River Factory, Thirawala, Travancore.
	M.S.W.	Life and Labour of workers, in the Lord Krishna Sugar Mills Ltd., Saharanpur U. P.
	M.S.W.	A study of Co–operative in Baroda District.

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